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POPULATION ESTIMATES & VITAL RATES

1983 & 1984

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POPULATION ESTIMATES AND VITAL RATES, 1983 and 1984

STATE OF WISCONSIN

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DIVISION OF HEALTH

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NOTE TO USER

Effective with 1983 table set, the numbering system has been revised to increase flexibility. Beginning in 1958, the tables were numbered consecutively regardless of content or whether they appeared in the published volume or were merely available as "Supplemental" tables.

Under the revised scheme, "R" tables contain either population based rates or population distributions to be used in computing rates. "S" tables are tables available as "Supplemental" on request. Tables without alphabetic prefix appear either in Vital Statistics Wisconsin, 1984 or in this publication.

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The Center for Health Statistics of the State Division of Health is charged by law with the dual responsibility of maintaining an effective system of vital registration and of making vital statistics available to public and private agencies and to the public at large. Within the Division of Health, these statistics are necessary for evaluating and developing programs that will improve the health of the people of Wisconsin. The data are also widely used for estimating population characteristics and changes.

Each county is a primary registration district for vital events for the rural areas, villages and towns. The office of Register of Deeds is, according to the Statutes, the place for filing of birth, death and marriage records from these areas. In addition, cities, as defined by Wisconsin Statutes, may also serve as primary registration districts with the local health officer serving as the local registrar. Cities have the option of turning the function over to the county register of deeds. Copies of the original records are maintained in the local offices and the original record is forwarded to the Center for Health Statistics.

Legal responsibility for preparation and filing birth records is that of the attending physician or other person in attendance. Because nearly all births occur in hospitals, most of the information obtained on the birth certificate is recorded by hospital personnel.

The funeral director has legal responsibility for obtaining information on death certificates and for filing the records with the local registrar. The funeral director also completes fetal death reports. The physician in attendance, coroner or medical examiner is responsible for certifying the cause of death and medical information on the certificate.

Applications for marriage licenses are made in the office of the county clerk. The marriage certificate is completed by the officiant--civil or religious--who has the responsibility of forwarding the original certificate to the local registrar.

Locally the divorce certificate is the responsibility of the clerk of courts where the divorce decree is granted. The county clerk of courts retains the records of the court, has the necessary information transcribed to the divorce certificate and forwards it to the Center for Health Statistics.

The Section of Vital Statistics in the Center for Health Statistics maintains a permanent respository for original records of birth, death, marriage and divorce. The statistics in this volume include vital records for years 1983 and 1984 that were filed in the Section of Vital Statistics before March 31, 1984 and 1985. In addition to vital events occurring in Wisconsin, the Section collects data from birth certificates for children born outside of Wisconsin to a mother who is a resident of the state. Data from death certificates for persons who are residents but die outside of the boundaries of Wisconsin are also included.

DEFINITIONS

Residence	Usual place of residence of person to whom event occurred. For births and fetal deaths, residence is defined as the mother's place of residence.
Occurrence	Place where the event occurred.
Minor Civil Division	In Wisconsin, Minor Civil Divisions are the local level of civil government. Cities, villages and towns both exhaust the area (there are no unorganized residual areas) and are exclusive (none overlaps another though one may surround another).
Race	Race for mother, father or decedent is as stated on certificate. Race of child is determined from the race of the parents.
Deliveries	Live births plus reported fetal deaths.
Live Birth	A live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.
Fetal Death	Death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Only fetal deaths of at least 20 weeks of gestation must be reported in Wisconsin. A fetal death report is NOT to be used for induced abortions.
Infant Death	Death occurring to live born individual of less than 1 year of age.
Neonatal Death	Live born infant who dies before completing four weeks (28 days) of life.
Out-of-Wedlock Birth	Birth wherein there is no marital tie between mother and father.
Birthweight	Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces or in grams).
Premature Births	Products of conception weighing less than five pounds, nine ounces (2,500 grams or less) at delivery or expulsion.
Maternal Deaths	Those wherein the physician has designated a maternal condition as the underlying cause of death.
Underlying Cause of Death	That condition giving rise to the chain of morbid events leading to death, or the circumstances of the accident or violence that produced the fatal injury.
Associated Cause of Death	Condition other than the underlying cause of death which may have contributed to the death.

RATES

Birth Rate	= No. of Resident Live Births / Total Resident Population	x 1,000
Age-Specific Fertility Rate	= No. of Resident Live Births for a Specific Age of Mother / Total Female Population of Specific Age	x 1,000
Death Rate	= No. of Resident Deaths / Total Resident Population	x 1,000
Fetal Death Rate	= No. of Resident Fetal Deaths / Total Resident Live Births and Resident Fetal Deaths	x 1,000
Infant Death Rate	= No. of Infant Deaths / Total Resident Live Births	x 1,000
Neonatal Death Rate	= No. of Neonatal Deaths / Total Resident Live Births	x 1,000
Out-of-Wedlock Ratio	= No. of Out-of-Wedlock Births (Resident) / Total Resident Live Births	x 1,000
Maternal Death Rate	= No. of Maternal Deaths / Total Resident Live Births	x 100,000
Age-Specific Death Rate	= No. of Deaths in Specific Age Group / Total Resident Population in Specific Age Group	x 100,000
Cause-Specific Death Rate	= No. of Deaths from Specific Cause / Total Resident Population	x 100,000
Communicable Disease Case Rate	= No. of Reported Cases (Specific Communicable Disease) / Total Resident Population	x 100,000
Marriage Rate	= No. of Marriages Performed / Total Resident Population	x 1,000
Divorce Rate	= No. of Divorces and Annulments Granted / Total Resident Population	x 1,000
Population Denominators	= Mid-calendar year estimates	
Event Denominators	= Are registered totals for the calendar year	

Qualifications and Limitations of Data and Calculations

Completeness of Registration

The Bureau of Census assisted in a test of completeness of registration of births in connection with the 1950 census. Registration completeness was 99.6 percent of all births. It is assumed that this relatively complete registration has continued since that time.

Although no test of death registration has been completed, it is assumed that death registration is reasonably complete since burial permit laws and regulations require the filing of a death certificate before a burial permit for the disposition of a body is issued.

Fetal death reporting requires reports for all fetuses of 20 weeks gestation and over. No test for completeness of registration has been done. It is recognized, however, that fetal deaths are likely to be less well reported than other vital events.

Infant Death Data

Notification of infant death is obtained from the regular death certificate. However, much information relevant to the circumstance of infant death is found on the birth certificate. Birth and death records have, therefore, been matched to produce a composite infant death file, which is the source of Tables S 1.6, S 1.7 and 2.1. Infant death data for tables S 4.2, S 4.3 and S 4.4 are created from the general death file. Table S 4.1 is derived from both sources, as noted on the table. Discrepancies between these two sources are minimal, however, usually involving fewer than ten deaths.

Geographic Classification

In most tables, geographical classifications are limited to county breakdowns. The term "urban" used in some summary tables refers to the sum of those incorporated places having a population of 2,500 or more in the 1980 census. It should be particularly noted that this does not correspond to the official Census Bureau usage since it excludes those portions of urbanized areas that are unincorporated and/or under 2,500 population. Similarly "balance of county" should not be construed as "rural". Tables 1.5 and S 1.7 lists cities, towns and villages of 2,500 or more population. All others are summed in balance of county.

Events are assigned to geographical areas according either to place of residence or to place of occurrence. The basis for classification is identified in each table and should be carefully observed when extracting information.

- "Resident Data" means events have been assigned to the area where the person lives (usually legal residence) regardless of where they occurred. In the case of infant deaths and births, the reference is to the residence of the mother. It should be noted that in the case of infant deaths, the place of residence at death may differ from the place of residence at birth; when special tabulations are prepared from both birth and death certificates, it is important to note to which residence category they were assigned.

●"Occurrence Data" means tabulation according to where the events took place, regardless of the usual residence of the person. Since nearly all births and most deaths take place in hospitals, the number which occur in the six counties without hospitals is small. Likewise, the number of occurrences in counties with many hospitals will be large for this reason alone. The six Wisconsin counties in which no hospital is located are:

Florence	Marquette
Forest	Menominee
Iron	Pierce

Comparability in Cause-of-Death Statistics

There are two major limitations in interpreting changes in cause-of-death statistics. Changes in diagnostic practice may affect the comparability of such statistics over time, as do changes in nomenclature and in the classification scheme. The International Classification of Diseases is revised approximately every ten years to incorporate advances in medical science and to reflect changing medical opinion and practice. In Wisconsin, the Sixth Revision was used from 1949-1957, the Seventh Revision from 1958-1967, the Eighth Revision from 1968-1978, and the Ninth Revision adopted in 1979.

Mortality statistics in this report are thus based on the Ninth Revision, (adapted for use in the United States--ICD 9). These data represent the causes of death as determined by the medical certifier, i.e., the attending physician or coroner. The underlying cause is defined as "the disease or injury which initiated the train of morbid events, leading directly to death" (ICDA, Eighth Revision, 1968, vol. 1, page xxix). Prior to 1973, when two or more causes were jointly recorded, the coder in the Center of Health Statistics selected the underlying cause using the ancillary information provided on the death certificate by the physician. Beginning in 1973, however, all causes mentioned on the certificate are coded, and the underlying cause is determined using computer procedures.

The introduction of the concept of "underlying" cause in 1949 with the Sixth Revision resulted in a basic change in the classification of death that would seriously affect the interpretation of mortality trends before and after 1949. Under the first five revisions of the International Classification, prior to 1949, causes of death were coded on the basis of priority tables for multiple causes, as set forth in The Manual for Joint Causes of Death. Comparability ratios based on the Fifth and Sixth Revisions were published by the National Center for Health Statistics. (Vital Statistics-Special Reports, Vol. 51, No. 3). The Seventh Revision was essentially a clarification of the Sixth Revision.

The Eighth Revision introduced some major modifications in classification lists and coding procedures that created a need for comparability ratios for some causes of death when comparisons are made before and after 1968. A study of this problem at the National Center for Health Statistics reveals many small discontinuities and several serious interpretation problems. 1)

1). A. Joan Klebba, Comparability of Mortality Statistics for the 7th and 8th Revisions of the International Classification of Diseases, United States--DHEW Publication No. (HRA) 76-1340.

The Ninth Revision made further modifications in the classification lists and again created a need for comparability ratios for some causes of death when comparisons are made using data for years before 1979 and any year thereafter. In comparison studies, the following should be noted:

- For Diseases of the Heart, the 9th Revision does not include all diseases of the circulatory system as did the 8th.

- For Cerebrovascular Disease, the diseases included in the 9th are basically the same as those for the 8th. It should be noted that terminology changed from the 7th to the 8th. Under the 7th Revision, it was called Vascular Lesions Affecting the Central Nervous System and was listed under Diseases of the Nervous and Sense Organs. For the 8th and 9th Revision, these diseases are listed under Diseases of the Circulatory System.

- For conditions originating in the perinatal period, the 9th Revision has been completely restructured to provide for current medical ideas on these conditions as much progress has been made in recent years. The 9th Revision provides much greater specificity.

For major changes between the 7th and 8th Revision, please refer to Wisconsin Public Health Statistics, 1978.

Small Frequencies

The number of births or deaths reported for a community represent complete counts of these events. As such, they are not subject to sampling error or variation, although they are subject to errors in the collection and processing procedures. However, when the figures are used for comparison of frequencies and rates over a time period or for different areas, the number of events that actually occurred may be considered as one of a large series of possible results that could have arisen under the same circumstances. The probable range of values may be estimated from the actual figures according to certain statistical assumptions (Vital Statistics for the U.S., Vol. I, 1959, p. 1-20). Frequencies of and rates based on fewer than 20 deaths are, therefore, omitted from this report because they are subject to large random fluctuations. The number "20" is arbitrary, however, and is not set forth as a critical point distinugishing statistically reliable rates.

Rates

In interpreting the conditions described by vital statistics rates considerable caution must be observed. In particular, differences in rates from time to time or place to place may arise from a number of population differences and other confounding factors, and appropriate techniques (e.g. standardization) should be utilized in such comparisons.

Population

POPULATION

The vital events tabulated in this report would be stripped of most of their public health meaning without knowledge of the population to whom the events occurred. This section on population is intended to provide some context for the analysis and interpretation of vital statistics.

In the first census after statehood, the Wisconsin population was just over 300,000, or 1.3% of the U. S. population in 1850. The Wisconsin proportion of the U. S. population rose by 1870 to 2.7% when 1,055,000 persons were counted. In 1900, when a population of 2,069,000 was reported, the proportion remained at 2.7%. Since 1900, the proportion has gradually declined to 2.1% in 1980, when the state tally was more than 4,705,000.

Intercensal rates of growth have ranged during this century from 6.5% in the 1970s and 6.8% in the 1930s to 15.1% in the 1950s. The variation is largely accounted for by extremes of fertility. The population growth in the 1970s was smaller than in any decade since the 1930s. Live births were 110,000 fewer in the 1970s than in the 1960s and 156,000 fewer than in the 1950s. Deaths, on the other hand, were 50,000 more in the 1970s than the 1960s and 94,000 more than in the 1950s. Net outmigration was negligible in both the 1960s and 1970s after having been substantial from the 1930s through the 1950s.

The most useful population characteristics for vital statistics are age, sex, race and geographic distribution. The recent changes in age-sex distribution are graphically summarized in Figure 2. In the 1970s, the under 15 population declined as a proportion of the total, from 30% in 1970 to 23% in 1980, the lowest proportion in the century (or probably ever).

The children of the baby boom are now ages 19 through 38 and remain the demographic "pig in the python." The inter-war birth cohorts are now in the forties and fifties. The pre-World War I generation are now our elderly. From 1.6% in 1900, the seventy-five and older population increased its share of the total to 2.5% in 1940, 3.5% in 1960 and 5.0% in 1980.

In most circumstances the sex ratio (male per 100 females) changes only gradually. More males are live born than females. At all ages, however, differential mortality produces greater female survivorship. By age 95 and older there are fewer than 36 males per hundred females. In Wisconsin the effect of predominantly male immigration was to give us higher sex ratios in earlier censuses: in 1910, 107; in 1940, 104. That effect has largely disappeared in the 1980 population.

In 1980, the white population in Wisconsin remains close to the 95th percentile. Blacks are the second largest group with 182,600, up from 128,000 in 1970. Comparisons over time for other races (American Indians and Asians) are confounded by cultural changes in self-identification and procedural changes in the taking of the census. In 1980, American Indians numbered 29,300 (0.6%) and all other races less than 51,000 (1.1%).

Spanish origin population numbered just under 63,000 in 1980. About two-thirds of this population was of Mexican origin, and fewer than 1,000 of Cuban origin. The Cuban "boat" people arrived after the 1980 Census. (As an ethnic rather than racial classification, Spanish origin persons may be of any race).

The geographic distribution of the State underwent significant changes from the traditional southeast migration--to urban from rural. Figure 4 maps the net migration among the counties during the 1970s. Net out-migration of sizable numbers affected only Kenosha (2,500), Racine (10,500), and Milwaukee (149,000) in the southeast and Manitowoc (3,700) and Winnebago (5,000) in the east central. Counties receiving substantial numbers of net in-migrants were Dane (9,200) in the south, Eau Claire (7,300) and La Crosse (6,100) in the west central, and Washington (13,800) and Waukesha (31,000) in the Milwaukee metropolitan area. Nevertheless, smaller counties up-state have spectacular rates of net in-migration: Adams (45.5%) and Marquette (30.6%) in the central part, and Sawyer (31.6%) and Vilas (51.3%) in the north and Burnett (32.8%) to the northwest and Florence (25.5%) to the northeast.

Figure 1

PERCENT CHANGE IN
WISCONSIN'S POPULATION
BY AGE, 1960-1970

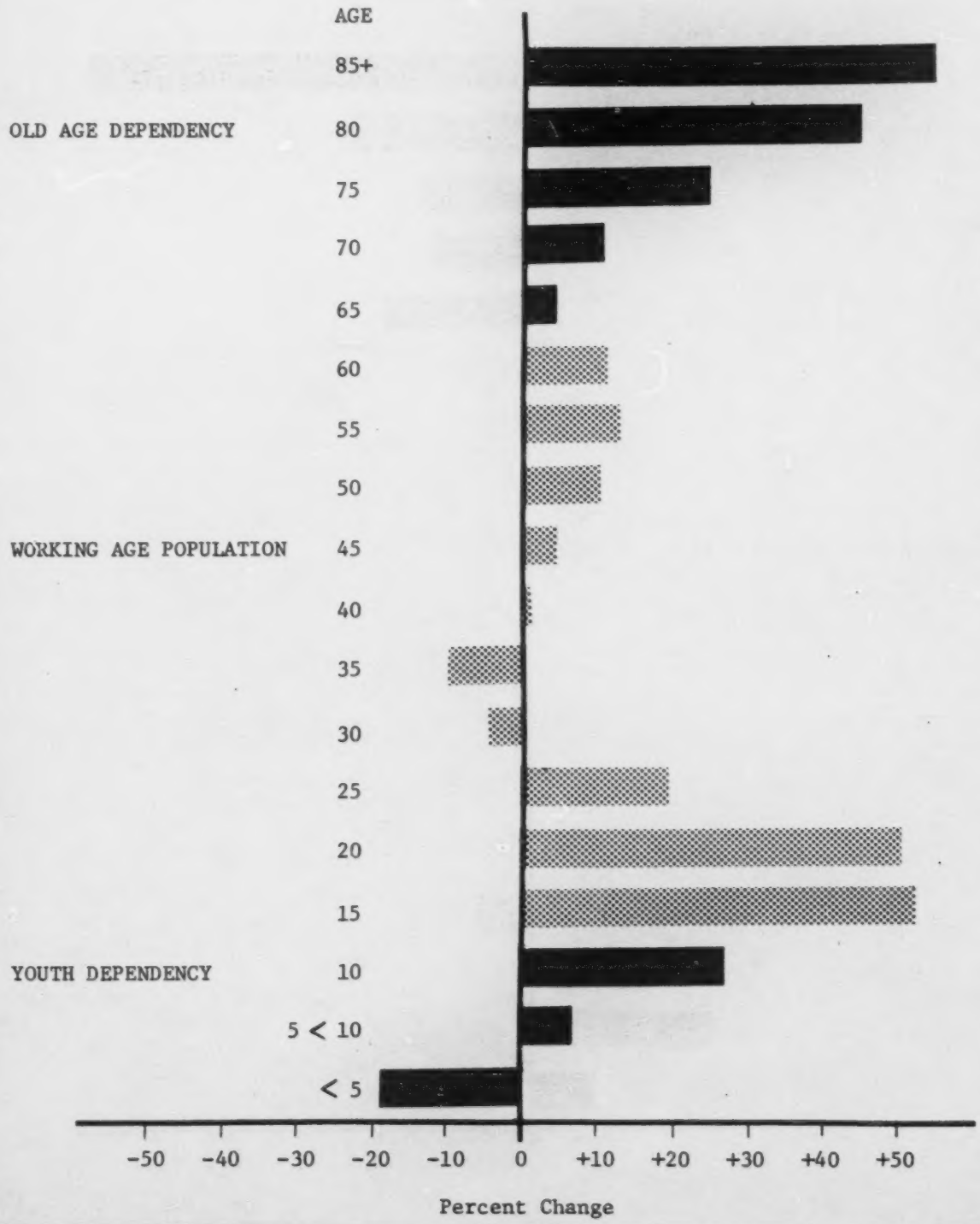


Figure 1a

PERCENT CHANGE IN
WISCONSIN'S POPULATION
BY AGE, 1970-1980

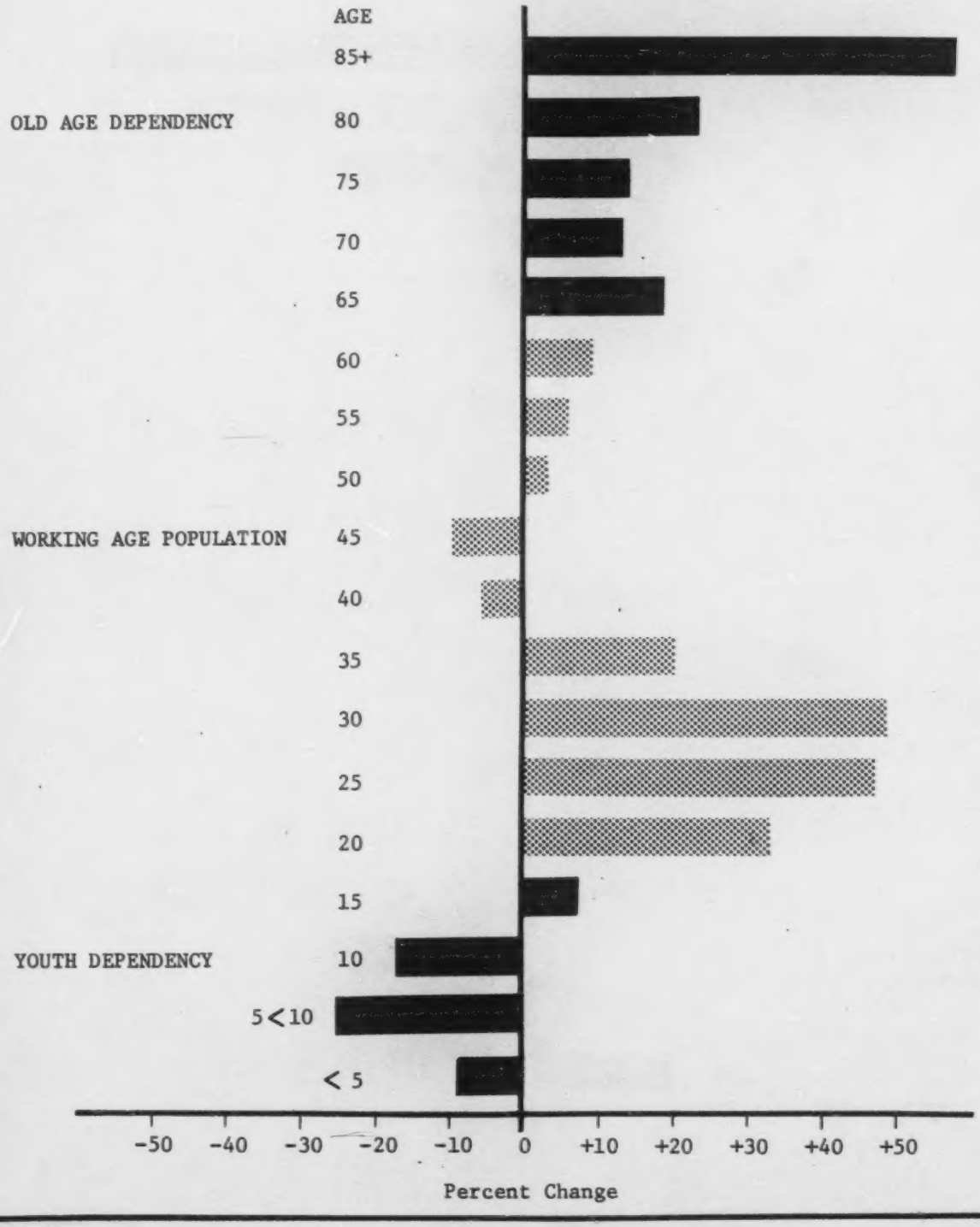


Figure 3. POPULATION PYRAMIDS
Wisconsin, 1930-1980

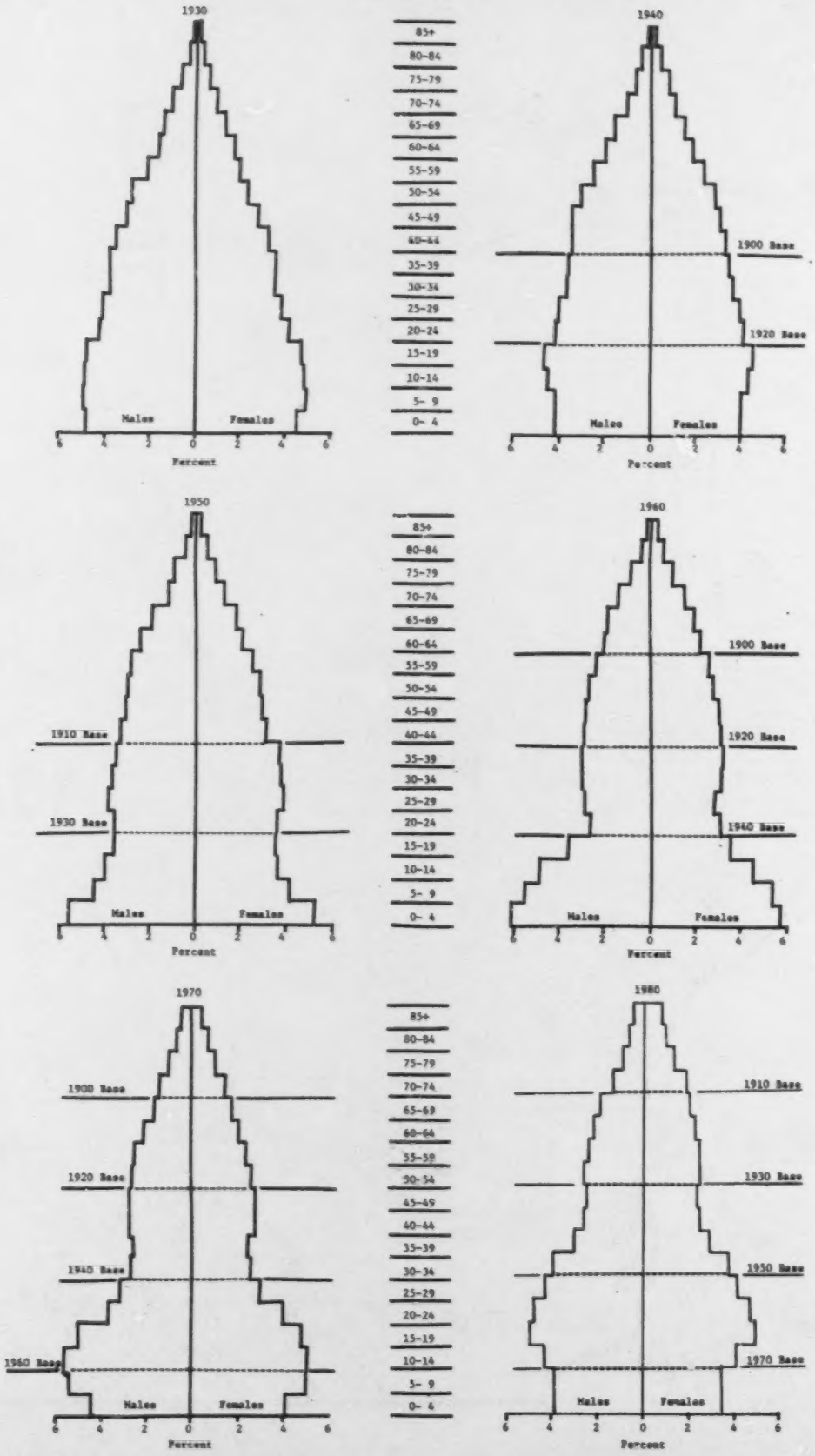


Figure 3. TOTAL POPULATION GROWTH
BY COUNTIES, WISCONSIN - 1970-1980

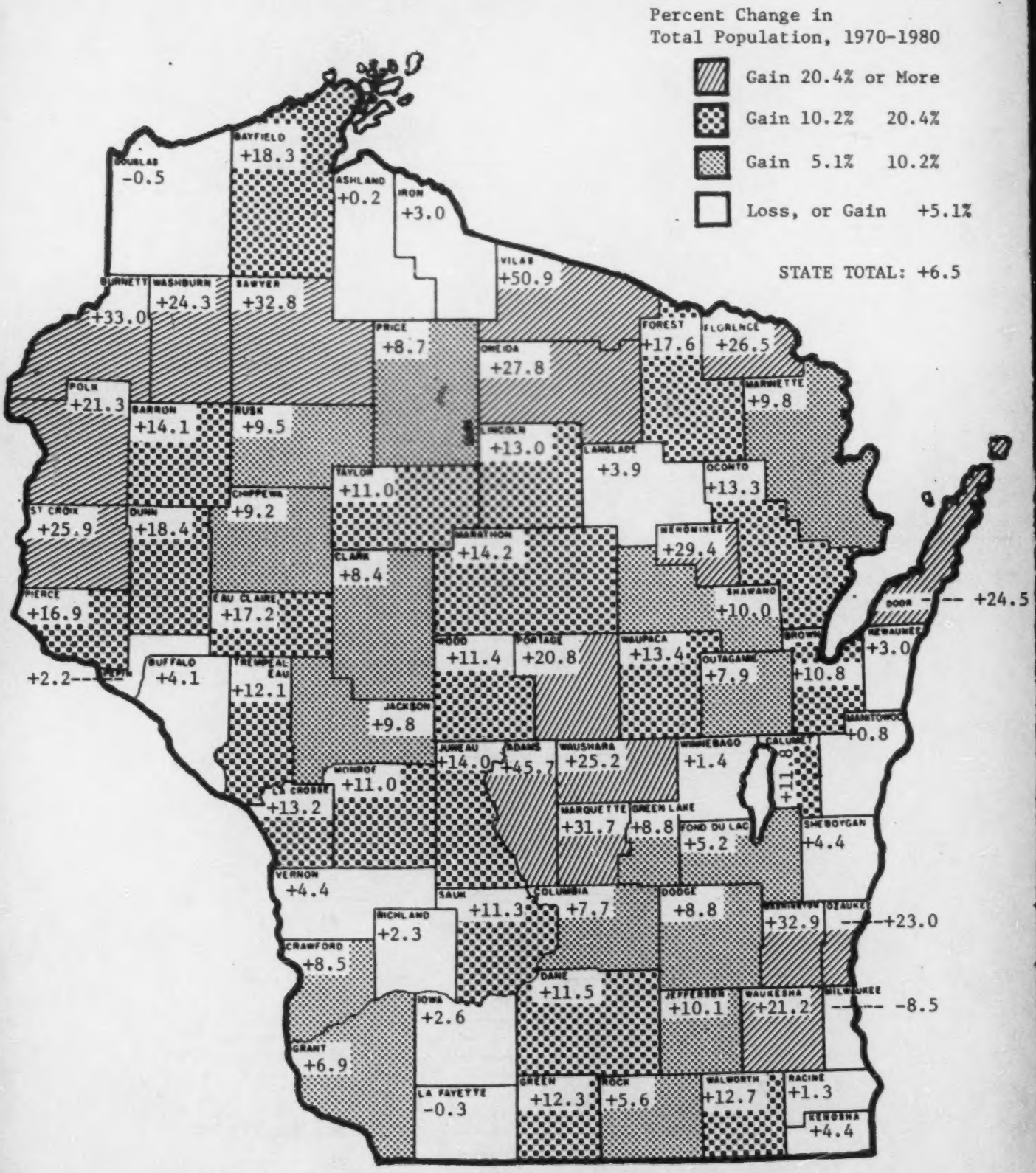
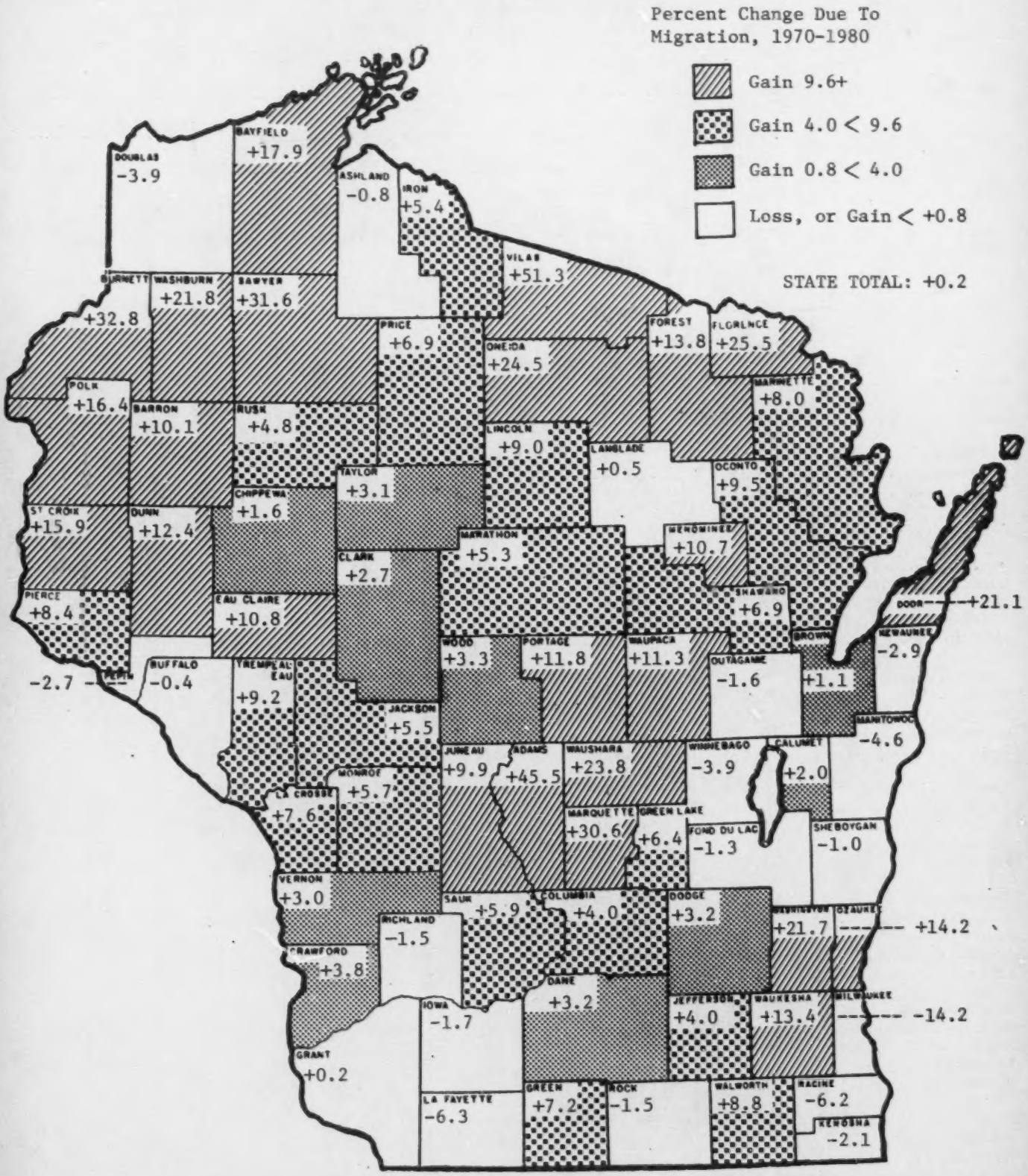


Figure 4. PERCENT CHANGE IN POPULATION DUE TO MIGRATION BY COUNTIES, WISCONSIN - 1970-1980



R 1.1

WISCONSIN POPULATION BY COUNTIES ENUMERATED IN 1980 AND ESTIMATED JULY 1, 1983
WITH AMOUNT AND RATE OF CHANGE

Page 1 of 2

County	April 1, 1980 U. S. Census			July 1, 1983 Estimate	Change from 1980-1983	
	Total	White	Nonwhite		Number	Percent
State Total.....	4,705,767	4,443,035	262,732	4,746,000	40,233	0.9
Adams.....	13,457	13,049	408	14,200	743	5.5
Ashland.....	16,783	15,618	1,165	17,000	217	1.3
Barron.....	38,730	38,464	266	40,050	1,320	3.4
Bayfield.....	13,822	12,855	967	14,250	428	3.1
Brown.....	175,280	171,224	4,056	182,450	7,170	4.1
Buffalo.....	14,309	14,258	51	14,500	191	1.3
Burnett.....	12,340	11,883	457	12,550	210	1.7
Calumet.....	30,867	30,635	232	33,350	2,483	8.0
Chippewa.....	52,127	51,843	284	53,350	1,223	2.3
Clark.....	32,910	32,715	195	32,600	- 310	- 0.9
Columbia.....	43,222	42,892	330	43,750	528	1.2
Crawford.....	16,556	16,486	70	16,500	- 56	- 0.3
Dane.....	323,545	311,203	12,342	342,000	18,455	5.7
Dodge.....	75,064	73,635	1,429	76,800	1,736	2.3
Door.....	25,029	24,737	292	26,400	1,371	5.5
Douglas.....	44,421	43,481	940	44,150	- 271	- 0.6
Dunn.....	34,314	33,821	493	35,100	786	2.3
Eau Claire.....	78,805	77,891	914	81,200	2,395	3.1
Florence.....	4,172	4,138	34	4,300	128	3.1
Fond du Lac.....	88,964	88,181	783	91,000	2,036	2.3
Forest.....	9,044	8,426	618	9,150	106	1.2
Grant.....	51,736	51,419	317	52,000	264	0.5
Green.....	30,012	29,881	131	30,450	438	1.5
Green Lake.....	18,370	18,242	128	18,750	380	2.1
Iowa.....	19,802	19,724	78	20,300	498	2.5
Iron.....	6,730	6,681	49	6,500	- 230	- 3.4
Jackson.....	16,831	16,266	565	16,100	- 731	- 4.3
Jefferson.....	66,152	65,272	880	67,650	1,498	2.3
Juneau.....	21,039	20,748	291	21,350	311	1.5
Kenosha.....	123,137	117,862	5,275	120,450	- 2,687	- 2.2
Kewaunee.....	19,539	19,486	53	20,300	761	3.9
La Crosse.....	91,056	90,159	897	91,350	294	0.3
Lafayette.....	17,412	17,355	57	17,400	- 12	- 0.1
Langlade.....	19,978	19,843	135	20,300	322	1.6
Lincoln.....	26,555	26,376	179	26,500	- 55	- 0.2
Manitowoc.....	82,918	81,994	924	84,050	1,132	1.4
Marathon.....	111,270	110,488	782	113,400	2,130	1.9
Marinette.....	39,314	39,091	223	40,100	786	2.0
Marquette.....	11,672	11,561	111	12,350	678	5.8
Menominee.....	3,373	352	3,021	3,400	27	0.8
Milwaukee.....	964,988	788,729	176,259	924,400	-40,588	- 4.2
Monroe.....	35,074	34,654	420	35,300	226	0.6
Oconto.....	28,947	28,744	203	29,550	603	2.1
Oneida.....	31,216	30,949	267	32,000	784	2.5
Outagamie.....	128,799	126,115	2,684	133,750	4,951	3.8

R 1.1

WISCONSIN POPULATION BY COUNTIES ENUMERATED IN 1980 AND ESTIMATED JULY 1, 1983
WITH AMOUNT AND RATE OF CHANGE

County	April 1, 1980 U. S. Census			July 1, 1983 Estimate	Change from 1980-1983	
	Total	White	Nonwhite		Number	Percent
Ozaukee	66,981	66,029	952	67,950	969	1.4
Pepin	7,477	7,448	29	7,700	223	3.0
Pierce	31,149	30,863	286	32,200	1,051	3.4
Polk	32,351	32,026	325	33,300	949	2.9
Portage	57,420	56,670	750	59,950	2,530	4.4
Price	15,788	15,707	81	16,000	212	1.3
Racine	173,132	155,206	17,926	169,650	- 3,482	- 2.0
Richland	17,476	17,383	93	17,650	174	1.0
Rock	139,420	133,367	6,053	138,900	- 520	- 0.4
Rusk	15,589	15,440	149	15,700	111	0.7
St. Croix	43,262	43,005	257	45,750	2,488	5.8
Sauk	43,469	43,133	336	44,500	1,031	2.4
Sawyer	12,843	11,416	1,427	13,550	707	5.5
Shawano	35,928	34,490	1,438	36,450	522	1.5
Sheboygan	100,935	99,526	1,409	102,600	1,665	1.6
Taylor	18,817	18,732	85	19,300	483	2.6
Trempealeau	26,158	26,070	88	26,300	142	0.5
Vernon	25,642	25,546	96	25,350	- 292	- 1.1
Vilas	16,535	15,323	1,212	17,250	715	4.3
Walworth	71,507	69,841	1,666	72,350	843	1.2
Washburn	13,174	13,053	121	13,750	576	4.4
Washington	84,848	84,304	544	87,650	2,802	3.3
Waukesha	280,326	276,105	4,221	286,100	5,774	2.1
Waupaca	42,831	42,535	296	44,700	1,869	4.4
Waushara	18,526	18,289	237	19,050	524	2.8
Winnebago	131,703	130,100	1,603	135,200	3,497	2.7
Wood	72,799	72,002	797	74,800	2,001	2.7

R 1.1

WISCONSIN POPULATION BY COUNTIES ENUMERATED IN 1980 AND ESTIMATED JULY 1, 1984
WITH AMOUNT AND RATE OF CHANGE

Page 1 of 2

County	April 1, 1980 U. S. Census			July 1, 1984 Estimate	Change from 1980-1984	
	Total	White	Nonwhite		Number	Percent
State Total.....	4,705,767	4,443,035	262,732	4,766,000*	60,233	1.3
Adams.....	13,457	13,049	408	14,450	993	7.4
Ashland.....	16,783	15,618	1,165	17,050	267	1.6
Barron.....	38,730	38,464	266	40,500	1,770	4.6
Bayfield.....	13,822	12,855	967	14,300	478	3.5
Brown.....	175,280	171,224	4,056	185,800	10,520	6.0
Buffalo.....	14,309	14,258	51	14,650	341	2.4
Burnett.....	12,340	11,883	457	12,700	360	2.9
Calumet.....	30,867	30,635	232	34,200	3,333	10.8
Chippewa.....	52,127	51,843	284	54,100	1,973	3.8
Clark.....	32,910	32,715	195	32,750	- 160	- 0.5
Columbia.....	43,222	42,892	330	44,000	778	1.8
Crawford.....	16,556	16,486	70	16,750	194	1.2
Dane.....	323,545	311,203	12,342	352,800	29,255	9.0
Dodge.....	75,064	73,635	1,429	77,800	2,736	3.6
Door.....	25,029	24,737	292	26,850	1,821	7.3
Douglas.....	44,421	43,481	940	43,650	- 771	- 1.7
Dunn.....	34,314	33,821	493	35,300	986	2.9
Eau Claire.....	78,805	77,891	914	82,000	3,195	4.1
Florence.....	4,172	4,138	34	4,500	328	7.9
Fond du Lac.....	88,964	88,181	783	92,400	3,436	3.9
Forest.....	9,044	8,426	618	9,200	156	1.7
Grant.....	51,736	51,419	317	52,200	464	0.9
Green.....	30,012	29,881	131	30,750	738	2.5
Green Lake.....	18,370	18,242	128	18,900	530	2.9
Iowa.....	19,802	19,724	78	20,450	648	3.3
Iron.....	6,730	6,681	49	6,400	- 330	- 4.9
Jackson.....	16,831	16,266	565	16,100	- 731	- 4.3
Jefferson.....	66,152	65,272	880	68,350	2,198	3.3
Juneau.....	21,039	20,748	291	21,450	411	2.0
Kenosha.....	123,137	117,862	5,275	120,150	- 2,987	- 2.4
Kewaunee.....	19,539	19,486	53	20,450	911	4.7
La Crosse.....	91,056	90,159	897	92,250	1,194	1.3
Lafayette.....	17,412	17,355	57	17,450	38	0.2
Langlade.....	19,978	19,843	135	20,500	522	2.6
Lincoln.....	26,555	26,376	179	27,150	595	2.2
Manitowoc.....	82,918	81,994	924	85,100	2,182	2.6
Marathon.....	111,270	110,488	782	114,550	3,280	2.9
Marinette.....	39,314	39,091	223	40,700	1,386	3.5
Marquette.....	11,672	11,561	111	12,450	778	6.7
Menominee.....	3,373	352	3,021	3,400	27	0.8
Milwaukee.....	964,988	788,729	176,259	900,400	-64,588	- 6.7
Monroe.....	35,074	34,654	420	35,700	626	1.8
Oconto.....	28,947	28,744	203	30,050	1,103	3.8
Oneida.....	31,216	30,949	267	32,100	884	2.8
Outagamie.....	128,799	126,115	2,684	136,850	8,051	6.3

*The state total does not agree with the sum of the counties due to independent rounding.

R 1.1

WISCONSIN POPULATION BY COUNTIES ENUMERATED IN 1980 AND ESTIMATED JULY 1, 1984
WITH AMOUNT AND RATE OF CHANGE

County	April 1, 1980 U. S. Census			July 1, 1984 Estimate	Change from 1980-1984	
	Total	White	Nonwhite		Number	Percent
Ozaukee	66,981	66,029	952	67,850	869	1.3
Pepin	7,477	7,448	29	7,650	173	2.3
Pierce	31,149	30,863	286	32,750	1,601	5.1
Polk	32,351	32,026	325	33,550	1,199	3.7
Portage	57,420	56,670	750	61,050	3,630	6.3
Price	15,788	15,707	81	16,150	362	2.3
Racine	173,132	155,206	17,926	168,450	- 4,682	- 2.7
Richland	17,476	17,383	93	17,600	124	0.7
Rock	139,420	133,367	6,053	139,950	530	0.4
Rusk	15,589	15,440	149	15,700	111	0.7
St. Croix	43,262	43,005	257	46,650	3,388	7.8
Sauk	43,469	43,133	336	45,200	1,731	4.0
Sawyer	12,843	11,416	1,427	13,650	807	6.3
Shawano	35,928	34,490	1,438	36,900	972	2.7
Sheboygan	100,935	99,526	1,409	103,800	2,865	2.8
Taylor	18,817	18,732	85	19,600	783	4.2
Trempealeau	26,158	26,070	88	26,650	492	1.9
Vernon	25,642	25,546	96	25,300	- 342	- 1.3
Vilas	16,535	15,323	1,212	17,600	1,065	6.4
Walworth	71,507	69,841	1,666	73,200	1,693	2.4
Washburn	13,174	13,053	121	14,000	826	6.3
Washington	84,848	84,304	544	88,000	3,152	3.7
Waukesha	280,326	276,105	4,221	286,000	5,674	2.0
Waupaca	42,831	42,535	296	45,500	2,669	6.2
Waushara	18,526	18,289	237	19,350	824	4.4
Winnebago	131,703	130,100	1,603	137,150	5,447	4.1
Wood	72,799	72,002	797	76,150	3,351	4.6

R 1.2

WISCONSIN POPULATION GROWTH DUE TO NATURAL INCREASE AND MIGRATION
1945-1984

Year	Estimated Population July 1, each year	Resident[a] Births	Resident[a] Deaths	Natural Increase (Births minus Deaths)	% Gain or Loss[b] through Migration (Total Gain minus Natural Increase)
NOTE: DATA FOR YEARS 1930 THRU 1944 APPEAR IN THE 1979 PUBLIC HEALTH STATISTICS REPORT.					
1945	2,961,000	61,753	31,575	30,178	-1.66
1946	3,167,000	68,223	31,871	36,352	+5.36
1947	3,250,000	79,715	32,522	47,193	+1.10
1948	3,314,000	83,188	32,807	50,381	+0.41
1949	3,391,000	82,499	32,706	49,793	+0.80
1950	3,449,000	82,774	33,225	49,549	+0.25
1951	3,437,000	85,092	33,486	51,606	-1.85
1952	3,463,000	88,381	33,643	54,738	-0.83
1953	3,502,000	88,675	34,364	54,311	-0.44
1954	3,599,000	89,989	34,275	55,714	+1.15
1955	3,666,000	91,952	34,480	57,472	+0.26
1956	3,740,000	92,915	35,374	57,541	+0.44
1957	3,802,000	94,947	36,342	58,605	+0.09
1958	3,863,000	96,174	37,322	58,852	+0.06
1959	3,915,000	97,234	37,312	59,922	-0.20
1960[c]	3,967,000	99,006	37,644	61,362	-0.24
1961	4,014,000	98,965	37,724	61,241	-0.35
1962	4,043,000	96,467	37,829	58,638	-0.73
1963	4,086,000	93,052	39,004	54,048	-0.27
1964	4,151,000	90,258	39,274	50,984	+0.34
1965	4,212,000	85,915	39,509	46,406	+0.35
1966	4,262,000	81,666	40,241	41,425	+0.20
1967	4,303,000	78,105	39,995	38,110	+0.07
1968	4,332,000	75,028	40,489	34,539	-0.13
1969	4,381,000	74,291	41,198	33,093	+0.36
1970	4,425,000	75,890	40,946	34,944	+0.20
1971	4,465,000	74,716	40,600	34,116	+0.13
1972	4,512,000	68,348	41,227	27,121	+0.44
1973	4,518,000	63,758	41,684	22,074	-0.36
1974	4,538,000	63,973	41,052	22,921	-0.06
1975	4,555,000	65,147	40,363	24,784	-0.17
1976	4,578,000	65,093	40,054	25,039	-0.04
1977	4,613,000	66,795	39,759	27,036	+0.17
1978	4,645,000	68,561	39,806	28,755	+0.07
1979	4,680,000	70,892	39,716	31,176	+0.08
1980	4,714,000	73,987	39,974	34,013	0.00
1981	4,735,000	74,537	40,649	33,888	-0.27
1982	4,745,000	74,315	40,361	33,954	-0.51
1983	4,746,000	73,410	40,606	32,804	-0.67
1984	4,766,000	73,050	40,962	32,088	-0.25
Intercensal Population Increase					
1930-1940	198,581	533,489	307,717	225,772	-0.93
1940-1950	296,988	698,717	318,996	379,721	-2.64
1950-1960	517,202	920,079	353,098	566,981	-1.45
1960-1970	465,954	855,144	395,532	459,612	+0.16
1970-1980	288,036	681,940	404,235	277,705	+0.23

a. Births and Deaths in the upper panel have been recomputed on a Fiscal Year basis (July 1 to June 30) to match midyear population estimates. Births and Deaths in the lower panel have been recomputed to an April 1 to March 31 basis to match Census dates.

b. The percent gain or loss through migration is computed by dividing the number of net migrants by the population at the beginning of the period in hundreds.

c. July 1 estimates, 1961 to 1969 and 1971 to 1979 have been adjusted for the error in previously published estimates revealed in the 1970 and 1980 Censuses.

R 1.3

WISCONSIN POPULATION CHARACTERISTICS BY COUNTY - JULY 1, 1983 ESTIMATE

P. 1 of 2 pages

County	Male	Female	Total	Age			
				0-19	20-34	35-64	65+
State Total....	2,319,000	2,427,000	4,746,000	1,462,000	1,242,000	1,440,000	602,000
Adams.....	7,400	6,800	14,200	4,200	3,100	4,400	2,500
Ashland.....	8,050	8,950	17,000	5,150	4,100	4,900	2,850
Barron.....	20,200	19,850	40,050	11,100	8,650	13,800	6,500
Bayfield.....	7,450	6,800	14,250	4,200	3,100	4,400	2,550
Brown.....	93,000	89,450	182,450	61,350	48,500	54,150	18,450
Buffalo.....	7,300	7,200	14,500	4,050	3,150	4,950	2,350
Burnett.....	4,000	8,550	12,550	5,650	1,550	3,650	1,700
Calumet.....	17,000	16,350	33,350	11,200	8,850	9,900	3,400
Chippewa.....	26,600	26,750	53,350	17,300	13,150	15,900	7,000
Clark.....	15,700	16,900	32,600	9,250	7,150	10,300	5,900
Columbia.....	20,700	23,050	43,750	13,250	10,550	12,650	7,300
Crawford.....	7,950	8,550	16,500	4,700	3,600	5,250	2,950
Dane.....	163,750	178,250	342,000	92,800	122,450	95,650	31,100
Dodge.....	34,600	42,200	76,800	26,000	17,550	23,200	10,050
Door.....	13,750	12,650	26,400	7,850	5,750	8,100	4,700
Douglas.....	20,900	23,250	44,150	13,350	12,150	12,950	5,700
Dunn.....	16,500	18,600	35,100	11,550	9,950	9,450	4,150
Eau Claire.....	40,050	41,150	81,200	24,400	23,500	22,950	10,350
Florence.....	2,100	2,200	4,300	1,250	950	1,350	750
Fond du Lac....	45,350	45,650	91,000	29,500	22,400	27,150	11,950
Forest.....	4,050	5,100	9,150	2,800	2,100	2,650	1,600
Grant.....	24,400	27,600	52,000	17,100	14,750	14,000	6,150
Green.....	14,400	16,050	30,450	9,200	7,350	8,800	5,100
Green Lake.....	9,750	9,000	18,750	5,300	4,100	5,900	3,450
Iowa.....	11,350	8,950	20,300	4,800	5,550	6,750	3,200
Iron.....	2,050	4,450	6,500	2,900	800	1,900	900
Jackson.....	8,100	8,000	16,100	4,450	3,450	5,550	2,650
Jefferson.....	33,350	34,300	67,650	20,300	19,550	19,150	8,650
Juneau.....	10,100	11,250	21,350	6,450	5,150	6,150	3,600
Kenosha.....	60,800	59,650	120,450	36,300	31,450	39,050	13,650
Kewaunee.....	11,350	8,950	20,300	4,800	5,550	6,750	3,200
La Crosse.....	45,050	46,300	91,350	27,400	26,450	25,850	11,650
Lafayette.....	9,700	7,700	17,400	4,100	4,750	5,800	2,750
Langlade.....	9,800	10,500	20,300	5,800	4,450	6,400	3,650
Lincoln.....	13,350	13,150	26,500	7,350	5,700	9,150	4,300
Manitowoc.....	41,850	42,200	84,050	27,250	20,650	25,100	11,050
Marathon.....	56,500	56,900	113,400	36,750	27,900	33,850	14,900
Marinette.....	20,250	19,850	40,100	11,100	8,650	13,850	6,500
Marquette.....	3,950	8,400	12,350	5,500	1,550	3,600	1,700
Menominee.....	1,750	1,650	3,400	1,950	450	850	150
Milwaukee.....	437,750	486,650	924,400	279,450	254,300	271,350	119,300
Monroe.....	17,800	17,500	35,300	9,750	7,650	12,150	5,750
Oconto.....	14,250	15,300	29,550	8,400	6,450	9,350	5,350
Oneida.....	16,150	15,850	32,000	8,850	6,900	11,050	5,200
Outagamie.....	68,200	65,550	133,750	45,000	35,550	39,700	13,500

R 1.3

WISCONSIN POPULATION CHARACTERISTICS BY COUNTY - JULY 1, 1983 ESTIMATE

P. 2 of 2 pages

County	Male	Female	Total	Age			
				0-19	20-34	35-64	65+
Ozaukee.....	33,200	34,750	67,950	23,250	15,450	23,500	5,750
Pepin.....	3,450	4,250	7,700	2,350	1,800	2,200	1,350
Pierce.....	15,100	17,100	32,200	10,600	9,150	8,650	3,800
Polk.....	16,800	16,500	33,300	9,250	7,200	11,450	5,400
Portage.....	28,150	31,800	59,950	19,700	17,000	16,150	7,100
Price.....	8,350	7,650	16,000	4,750	3,500	4,900	2,850
Racine.....	85,650	84,000	169,650	51,150	44,300	55,000	19,200
Richland.....	8,350	9,300	17,650	5,350	4,250	5,100	2,950
Rock.....	70,100	68,800	138,900	41,850	36,300	45,050	15,700
Rusk.....	7,550	8,150	15,700	4,450	3,450	4,950	2,850
St. Croix.....	22,800	22,950	45,750	14,850	11,250	13,650	6,000
Sauk.....	21,050	23,450	44,500	13,450	10,750	12,850	7,450
Sawyer.....	7,000	6,550	13,550	3,750	2,600	4,550	2,650
Shawano.....	18,400	18,050	36,450	10,100	7,850	12,550	5,950
Sheboygan.....	46,200	56,400	102,600	34,750	23,400	31,000	13,450
Taylor.....	8,600	10,700	19,300	5,950	4,500	5,500	3,350
Trempealeau....	13,250	13,050	26,300	7,250	5,700	9,050	4,300
Vernon.....	13,200	12,150	25,350	7,500	5,550	7,800	4,500
Vilas.....	8,900	8,350	17,250	4,800	3,300	5,800	3,350
Walworth.....	35,700	36,650	72,350	21,700	20,950	20,450	9,250
Washburn.....	7,050	6,700	13,750	3,850	2,600	4,600	2,700
Washington.....	44,700	42,950	87,650	29,500	23,300	26,000	8,850
Waukesha.....	139,900	146,200	286,100	97,750	65,100	98,900	24,350
Waupaca.....	23,300	21,400	44,700	12,700	9,750	14,050	8,200
Waushara.....	9,900	9,150	19,050	5,450	4,150	6,000	3,450
Winnebago.....	66,650	68,550	135,200	40,550	39,100	38,250	17,300
Wood.....	37,300	37,500	74,800	24,250	18,400	22,300	9,850

R 1.3

WISCONSIN POPULATION CHARACTERISTICS BY COUNTY - JULY 1, 1984 ESTIMATE

Page 1 of 2

County	Male	Female	Total	Age			
				0-19	20-34	35-64	65+
State Total....	2,327,000	2,439,000	4,766,000*	1,430,000	1,253,000	1,473,000	609,000
Adams.....	7,500	6,950	14,450	4,150	3,200	4,500	2,600
Ashland.....	8,050	9,000	17,050	5,050	4,150	5,000	2,850
Barron.....	20,400	20,100	40,500	10,900	8,750	14,200	6,650
Bayfield.....	7,450	6,850	14,300	4,150	3,100	4,500	2,550
Brown.....	94,600	91,200	185,800	60,950	49,650	56,250	18,950
Buffalo.....	7,400	7,250	14,650	3,950	3,150	5,150	2,400
Burnett.....	4,050	8,650	12,700	5,550	1,650	3,800	1,700
Calumet.....	17,400	16,800	34,200	11,200	9,150	10,400	3,450
Chippewa.....	26,900	27,200	54,100	17,100	13,350	16,450	7,200
Clark.....	15,800	16,950	32,750	9,050	7,200	10,550	5,950
Columbia.....	20,800	23,200	44,000	12,950	10,650	12,950	7,450
Crawford.....	8,100	8,650	16,750	4,650	3,700	5,350	3,050
Dane.....	169,050	183,750	352,800	93,200	126,800	100,500	32,300
Dodge.....	35,050	42,750	77,800	25,650	17,850	24,000	10,300
Door.....	14,000	12,850	26,850	7,750	5,900	8,400	4,800
Douglas.....	20,650	23,000	43,650	12,850	12,050	13,050	5,700
Dunn.....	16,550	18,750	35,300	11,300	10,100	9,700	4,200
Eau Claire.....	40,400	41,600	82,000	23,950	23,850	23,650	10,550
Florence.....	2,150	2,350	4,500	1,250	1,000	1,450	800
Fond du Lac....	45,950	46,450	92,400	29,200	22,850	28,100	12,250
Forest.....	4,150	5,050	9,200	2,750	2,150	2,650	1,650
Grant.....	24,500	27,700	52,200	16,700	14,900	14,350	6,250
Green.....	14,600	16,150	30,750	9,050	7,450	9,050	5,200
Green Lake.....	9,850	9,050	18,900	5,250	4,100	6,050	3,500
Iowa.....	11,450	9,000	20,450	4,700	5,600	6,950	3,200
Iron.....	2,050	4,350	6,400	2,800	800	1,900	900
Jackson.....	8,100	8,000	16,100	4,350	3,450	5,650	2,650
Jefferson.....	33,700	34,650	68,350	20,000	19,850	19,700	8,800
Juneau.....	10,150	11,300	21,450	6,350	5,200	6,300	3,600
Kenosha.....	60,550	59,600	120,150	35,250	31,500	39,700	13,700
Kewaunee.....	11,450	9,000	20,450	4,700	5,600	6,950	3,200
La Crosse.....	45,450	46,800	92,250	27,000	26,800	26,600	11,850
Lafayette.....	9,750	7,700	17,450	4,000	4,800	5,900	2,750
Langlade.....	9,900	10,600	20,500	5,700	4,500	6,600	3,700
Lincoln.....	13,700	13,450	27,150	7,300	5,900	9,500	4,450
Manitowoc.....	42,350	42,750	85,100	26,850	21,050	25,900	11,300
Marathon.....	57,050	57,500	114,550	36,200	28,300	34,850	15,200
Marinette.....	20,550	20,150	40,700	10,950	8,850	14,250	6,650
Marquette.....	4,000	8,450	12,450	5,450	1,550	3,750	1,700
Menominee.....	1,750	1,650	3,400	1,950	450	850	150
Milwaukee.....	425,500	474,900	900,400	265,250	249,000	269,050	117,100
Monroe.....	18,050	17,650	35,700	9,600	7,750	12,500	5,850
Oconto.....	14,500	15,550	30,050	8,350	6,600	9,650	5,450
Oneida.....	16,200	15,900	32,100	8,650	6,950	11,250	5,250
Outagamie.....	69,700	67,150	136,850	44,900	36,550	41,450	13,950

*The state total does not agree with the sum of the counties due to independent rounding.

R 1.3

WISCONSIN POPULATION CHARACTERISTICS BY COUNTY - JULY 1, 1984 ESTIMATE

Page 2 of 2

County	Male	Female	Total	Age			
				0-19	20-34	35-64	65+
Ozaukee.....	33,200	34,650	67,850	22,600	15,500	23,900	5,850
Pepin.....	3,450	4,200	7,650	2,300	1,800	2,200	1,350
Pierce.....	15,400	17,350	32,750	10,500	9,300	9,050	3,900
Polk.....	16,950	16,600	33,550	9,050	7,250	11,750	5,500
Portage.....	28,650	32,400	61,050	19,600	17,400	16,800	7,250
Price.....	8,400	7,750	16,150	4,650	3,550	5,050	2,900
Racine.....	84,850	83,600	168,450	49,450	44,150	55,650	19,200
Richland.....	8,300	9,300	17,600	5,150	4,250	5,200	3,000
Rock.....	70,450	69,500	139,950	41,100	36,700	46,200	15,950
Rusk.....	7,550	8,150	15,700	4,350	3,450	5,050	2,850
St. Croix.....	23,250	23,400	46,650	14,750	11,550	14,150	6,200
Sauk.....	21,350	23,850	45,200	13,350	10,950	13,300	7,600
Sawyer.....	7,050	6,600	13,650	3,700	2,600	4,650	2,700
Shawano.....	18,600	18,300	36,900	9,900	8,000	12,950	6,050
Sheboygan.....	46,750	57,050	103,800	34,250	23,800	32,000	13,750
Taylor.....	8,800	10,800	19,600	5,900	4,550	5,700	3,450
Trempealeau....	13,400	13,250	26,650	7,150	5,800	9,350	4,350
Vernon.....	13,200	12,100	25,300	7,300	5,550	7,950	4,500
Vilas.....	9,050	8,550	17,600	4,800	3,350	6,000	3,450
Walworth.....	36,100	37,100	73,200	21,400	21,250	21,100	9,450
Washburn.....	7,250	6,750	14,000	3,800	2,700	4,750	2,750
Washington.....	44,800	43,200	88,000	28,850	23,500	26,650	9,000
Waukesha.....	139,750	146,250	286,000	95,250	65,400	100,800	24,550
Waupaca.....	23,700	21,800	45,500	12,550	9,950	14,600	8,400
Waushara.....	10,050	9,300	19,350	5,350	4,200	6,200	3,600
Winnebago.....	67,550	69,600	137,150	40,050	39,900	39,550	17,650
Wood.....	37,900	38,250	76,150	24,050	18,850	23,150	10,100

WISCONSIN POPULATION BY AGE AND SEX, WHITE AND NONWHITE
1980 CENSUS AND 1983 ESTIMATE

Age	Total				Male				Female			
	1983 Estimate	1980 Census			1983 Estimate	1980 Census			1983 Estimate	1980 Census		
		Total	White	Nonwhite		Total	White	Nonwhite		Total	White	Nonwhite
Total	4,746,000	4,705,767	4,443,035	262,732	2,320,000	2,305,427	2,177,806	127,621	2,426,000	2,400,340	2,265,229	135,111
Under 5	359,000	346,940	316,240	30,700	184,000	178,111	162,719	15,392	175,000	168,829	153,521	15,308
Under 1	70,000	75,319	68,489	6,830	36,000	38,690	35,193	3,497	34,000	36,629	33,296	3,333
1 year		69,787	63,605	6,182		35,979	32,847	3,132		33,808	30,758	3,050
2 years		68,703	62,725	5,978		35,100	32,152	2,948		33,603	30,573	3,030
3 years		67,005	61,121	5,884		34,293	31,377	2,916		32,712	29,744	2,968
4 years		66,126	60,300	5,826		34,049	31,150	2,899		32,077	29,150	2,927
5- 9 years	281,000	344,804	313,835	30,969	144,000	176,843	161,331	15,512	137,000	167,961	152,504	15,457
10-14 years	414,000	392,247	362,555	29,692	212,000	200,634	185,652	14,982	202,000	191,613	176,903	14,710
15-19 years	407,000	466,612	436,852	29,760	206,000	235,736	220,906	14,830	201,000	230,876	215,946	14,930
20-24 years	448,000	450,026	421,067	28,959	223,000	224,250	210,121	14,129	225,000	225,776	210,946	14,830
25-29 years	417,000	401,915	376,189	25,726	210,000	202,273	189,933	12,340	207,000	199,642	186,256	13,386
30-34 years	391,000	348,115	327,841	20,274	196,000	174,497	164,994	9,503	195,000	173,618	162,847	10,771
35-39 years	291,000	271,661	257,318	14,343	145,000	134,821	128,037	6,784	146,000	136,840	129,281	7,559
40-44 years	270,000	230,312	218,574	11,738	134,000	114,330	108,799	5,531	136,000	115,982	109,775	6,207
45-49 years	228,000	219,866	209,858	10,008	112,000	108,401	103,827	4,574	116,000	111,465	106,031	5,434
50-54 years	208,000	233,079	224,205	8,874	103,000	114,761	110,552	4,209	105,000	118,318	113,653	4,665
55-59 years	226,000	229,046	222,159	6,887	109,000	110,278	106,884	3,394	117,000	118,768	115,275	3,493
60-64 years	205,000	206,947	202,048	4,899	97,000	96,830	94,534	2,296	108,000	110,117	107,514	2,603
65-69 years	189,000	184,722	180,912	3,810	86,000	84,318	82,632	1,686	103,000	100,404	98,280	2,124
70-74 years	158,000	145,693	143,054	2,639	67,000	62,950	61,846	1,104	91,000	82,743	81,208	1,535
75-79 years	115,000	107,568	105,806	1,762	46,000	43,289	42,584	705	69,000	64,279	63,222	1,057
80-84 years	76,000	70,577	69,629	948	27,000	25,539	25,165	374	49,000	45,038	44,464	574
85+ years	63,000	55,637	54,893	744	19,000	17,566	17,290	276	44,000	38,071	37,603	468
65+ years	601,000	564,197	554,294	9,903	245,000	233,662	229,517	4,145	356,000	330,535	324,777	5,758
Median age	30.6	29.4	29.9	21.8	29.5	28.3	28.9	21.1	31.7	30.4	31.0	22.4

R 1.4

WISCONSIN POPULATION BY AGE AND SEX, WHITE AND NONWHITE
1980 CENSUS AND 1984 ESTIMATE

Age	Total				Male				Female			
	1984 Estimate	1980 Census			1984 Estimate	1980 Census			1984 Estimate	1980 Census		
		Total	White	Nonwhite		Total	White	Nonwhite		Total	White	Nonwhite
Total	4,766,000	4,705,767	4,443,035	262,732	2,321,000	2,305,427	2,177,806	127,621	2,445,000	2,400,340	2,265,229	135,111
Under 5	358,000	346,940	316,240	30,700	181,000	178,111	162,719	15,392	177,000	168,829	153,521	15,308
Under 1	74,000	75,319	68,489	6,830	38,000	38,690	35,193	3,497	36,000	36,629	33,296	3,333
1 year		69,787	63,605	6,182		35,979	32,847	3,132		33,808	30,758	3,050
2 years		68,703	62,725	5,978		35,100	32,152	2,948		33,603	30,573	3,030
3 years		67,005	61,121	5,884		34,293	31,377	2,916		32,712	29,744	2,968
4 years		66,126	60,300	5,826		34,049	31,150	2,899		32,077	29,150	2,927
5- 9 years	369,000	344,804	313,835	30,969	189,000	176,843	161,331	15,512	180,000	167,961	152,504	15,457
10-14 years	328,000	392,247	362,555	29,692	167,000	200,634	185,652	14,982	161,000	191,613	176,903	14,710
15-19 years	392,000	466,612	436,852	29,760	198,000	235,736	220,906	14,830	194,000	230,876	215,946	14,930
20-24 years	439,000	450,026	421,067	28,959	219,000	224,250	210,121	14,129	220,000	225,776	210,946	14,830
25-29 years	421,000	401,915	376,189	25,726	210,000	202,273	189,933	12,340	211,000	199,642	186,256	13,386
30-34 years	407,000	348,115	327,841	20,274	203,000	174,497	164,994	9,503	204,000	173,618	162,847	10,771
35-39 years	333,000	271,661	257,318	14,343	165,000	134,821	128,037	6,784	168,000	136,840	129,281	7,559
40-44 years	251,000	230,312	218,574	11,738	125,000	114,330	108,799	5,531	126,000	115,982	109,775	6,207
45-49 years	205,000	219,866	209,858	10,008	101,000	108,401	103,827	4,574	104,000	111,465	106,031	5,434
50-54 years	215,000	233,079	224,205	8,874	106,000	114,761	110,552	4,209	109,000	118,318	113,653	4,665
55-59 years	227,000	229,046	222,159	6,887	109,000	110,278	106,884	3,394	118,000	118,768	115,275	3,493
60-64 years	211,000	206,947	202,048	4,899	99,000	96,830	94,534	2,296	112,000	110,117	107,514	2,603
65-69 years	187,000	184,722	180,912	3,810	86,000	84,318	82,632	1,686	101,000	100,404	98,280	2,124
70-74 years	162,000	145,693	143,054	2,639	69,000	62,950	61,846	1,104	93,000	82,743	81,208	1,535
75-79 years	116,000	107,568	105,806	1,762	46,000	43,289	42,584	705	70,000	64,279	63,222	1,057
80-84 years	78,000	70,577	69,629	948	28,000	25,539	25,165	374	50,000	45,038	44,464	574
85+ years	67,000	55,637	54,893	744	20,000	17,566	17,290	276	47,000	38,071	37,603	468
65+ years	610,000	564,197	554,294	9,903	249,000	233,662	229,517	4,145	361,000	330,535	324,777	5,758
Median age	31.1	29.4	29.9	21.8	29.9	28.3	28.9	21.1	31.9	30.4	31.0	22.4

R 1.5

ABRIDGED LIFE TABLE FOR WISCONSIN MALES 1981-1983 (1982 Average)

Age Interval X to X + N	Number Living Exactly to Age X	Probability of Death During Age Interval	Total Number of Persons in Age Group X to X + N	*Mean of Years Lived From Age X to Death	**Average Age At Death of Those Age X
0-01	100,000	0.00977	99,292	72.41	75.63
01-04	99,023	0.00216	395,529	72.12	75.79
05-09	98,809	0.00147	493,639	68.28	75.82
10-14	98,664	0.00154	492,967	63.37	75.84
15-19	98,511	0.00585	491,230	58.47	75.87
20-24	97,935	0.00736	488,017	53.80	75.96
25-29	97,215	0.00661	484,593	49.17	76.07
30-34	96,572	0.00609	481,504	44.48	76.18
35-39	95,983	0.00779	478,194	39.74	76.27
40-44	95,236	0.01189	473,567	35.03	76.39
45-49	94,103	0.02195	465,745	30.42	76.57
50-54	92,038	0.03586	452,545	26.04	76.90
55-59	88,737	0.05769	431,781	21.91	77.42
60-64	83,618	0.09047	400,384	18.09	78.23
65-69	76,053	0.14017	355,061	14.62	79.43
70-74	65,392	0.20519	294,795	11.58	81.15
75-79	51,975	0.30304	221,239	8.89	83.32
80-84	36,224	0.42582	142,031	6.65	86.94
85-99	20,799	1.00000	99,026	4.76	92.50

R 1.6

ABRIDGED LIFE TABLE FOR WISCONSIN FEMALES 1981-1983 (1982 Average)

Age Interval X to X + N	Number Living Exactly to Age X	Probability of Death During Age Interval	Total Number of Persons in Age Group X to X + N	*Mean of Years Lived From Age X to Death	**Average Age At Death of Those Age X
0-01	100,000	0.00766	99,446	79.29	82.58
01-04	99,234	0.00161	396,518	78.90	82.69
05-09	99,074	0.00087	495,130	75.02	82.72
10-14	98,988	0.00090	494,736	70.09	82.73
15-19	98,899	0.00198	494,046	65.15	82.74
20-24	98,704	0.00216	493,027	60.27	82.77
25-29	98,490	0.00236	491,916	55.39	82.80
30-34	98,258	0.00314	490,579	50.52	82.84
35-39	97,949	0.00459	488,711	45.67	82.88
40-44	97,500	0.00701	485,923	40.87	82.95
45-49	96,816	0.01295	481,188	36.14	83.05
50-54	95,562	0.02102	473,172	31.58	83.24
55-59	93,553	0.03031	461,207	27.20	83.53
60-64	90,718	0.04764	443,558	22.96	83.96
65-69	86,396	0.07574	416,710	18.98	84.60
70-74	79,852	0.10965	378,691	15.31	85.69
75-79	71,096	0.17485	325,875	11.87	87.26
80-84	58,665	0.28707	252,176	8.83	89.49
85-99	41,824	1.00000	266,094	6.36	92.50

*Corresponds to what is usually termed "Life Expectancy" at age X.
**Median age attained by survivors to age X or age attained by 50% of those reaching age X.

R 1.5

ABRIDGED LIFE TABLE FOR WISCONSIN MALES 1982-1984 (1983 Average)

Age Interval X to X + N	Number Living Exactly to Age X	Probability of Death During Age Interval	Total Number of Persons in Age Group X to X + N	*Mean of Years Lived From Age X to Death	**Average Age At Death of Those Age X
0-01	100,000	0.00949	99,313	72.71	75.81
01-04	99,051	0.00206	395,668	72.40	75.96
05-09	98,847	0.00142	493,842	68.55	75.99
10-14	98,706	0.00144	493,204	63.64	76.02
15-19	98,564	0.00558	491,554	58.73	76.04
20-24	98,014	0.00699	488,491	54.04	76.13
25-29	97,328	0.00616	485,261	49.40	76.24
30-34	96,729	0.00609	482,287	44.69	76.34
35-39	96,140	0.00769	478,997	39.95	76.43
40-44	95,401	0.01185	474,398	35.24	76.55
45-49	94,270	0.02248	466,457	30.63	76.73
50-54	92,151	0.03497	453,294	26.27	77.07
55-59	88,928	0.05641	432,980	22.13	77.59
60-64	83,912	0.08843	402,202	18.29	78.40
65-69	76,492	0.13829	357,461	14.81	79.59
70-74	65,914	0.20358	297,410	11.76	81.33
75-79	52,495	0.29577	224,458	9.10	83.55
80-84	36,968	0.40902	146,704	6.85	87.31
85-99	21,847	1.00000	106,532	4.88	92.50

R 1.6

ABRIDGED LIFE TABLE FOR WISCONSIN FEMALES 1982-1984 (1983 Average)

Age Interval X to X + N	Number Living Exactly to Age X	Probability of Death During Age Interval	Total Number of Persons in Age Group X to X + N	*Mean of Years Lived From Age X to Death	**Average Age At Death of Those Age X
0-01	100,000	0.00758	99,451	79.44	82.81
01-04	99,242	0.00160	396,551	79.05	82.93
05-09	99,083	0.00085	495,181	75.17	82.95
10-14	98,999	0.00090	494,791	70.23	82.96
15-19	98,910	0.00203	494,089	65.30	82.98
20-24	98,709	0.00227	493,031	60.42	83.01
25-29	98,485	0.00225	491,915	55.55	83.04
30-34	98,263	0.00304	490,627	50.67	83.08
35-39	97,964	0.00449	488,807	45.82	83.12
40-44	97,524	0.00684	486,084	41.01	83.19
45-49	96,857	0.01333	481,308	36.28	83.29
50-54	95,566	0.02039	473,331	31.73	83.49
55-59	93,617	0.02963	461,672	27.34	83.79
60-64	90,844	0.04660	444,396	23.09	84.21
65-69	86,610	0.07470	417,960	19.09	84.86
70-74	80,141	0.10744	380,486	15.41	85.97
75-79	71,531	0.17282	328,226	11.95	87.48
80-84	59,169	0.27615	256,026	8.90	89.64
85-99	42,829	1.00000	270,408	6.31	92.50

*Corresponds to what is usually termed "Life Expectancy" at age X.
**Median age attained by survivors to age X or age attained by 50% of those reaching age X.

Summary of Vital Events

SUMMARY OF VITAL EVENTS

The 1984 health statistics for Wisconsin reflect the continuation of general trends. The death rate has decreased in the last decade from 8.8 in 1975 to 8.6 in 1984. Live birth rates were relatively stable for the five year period 1980-1984, averaging 15.6. The infant death rate has continued to decrease from 22.1 per 1,000 population in 1965 to 9.9 in 1984, a decline of about 55 percent. The fetal death rate has shown a drop in the past ten years, from 8.1 to 7.0 in 1984.

During 1984, registration of vital events (live births, total deaths, fetal deaths or still births, marriages, divorces and annulments) totaled 172,252; a 0.6% increase from the total events (171,231) recorded in 1983.

Divorces and annulments rates rose dramatically after 1960. In 1960, the number of divorces and annulments per 1,000 population was 0.9. By 1984, the rate increased about four-fold. During the early sixties, marriage rates were at the lowest point since 1933. From 1962 to 1973, the rates rose from 6.0 to 8.9, then fluctuated until 1984 when the rate of 8.6 was recorded.

On the average, there was a birth every 7 minutes, a death every 13 minutes, an infant death every 12 hours, a neonatal death every 19 hours, a fetal death every 17 hours, a marriage every 13 minutes, and a divorce or annulment every 32 minutes.

NOTES PERTAINING TO TABLE 7

I. General Footnotes

a). Resident figures beginning 1934, previous figures are occurrence data.

b). Crude birth rates for 1941-1946 are calculated on the civilian population as suggested in National Office of Vital Statistics of the U. S., 1950, Vol. 1, page 29.

c). Number of live births, 1940-1950 corrected for underregistration.

d). Figures are by Place of Occurrence.

e). Excluded legal separations, from 1960 to present.

f). July 1 population estimates, 1960 to 1970 and 1970 to 1980 have been revised after the Census.

II. Notes Pertaining to Rates

Live birth, death, marriage and divorce: crude rates per 1,000 population.

Infant death rate per 1,000 live births.

Fetal death rate per 1,000 deliveries (live births plus stillbirths of 20 weeks or more gestation).

Maternal death rate per 100,000 live births. Earlier publications in this series have used other bases.

III . Definition of Terms and Rates

Refer to pages v and vi.

R 2.1

WISCONSIN VITAL EVENTS AND RATES (1930-1984)
(Resident Data)*

Year	Estimated Mid Year Population	Live Births		Infant Deaths		Fetal Deaths		Total Deaths (excl. fetal deaths)		Maternal Deaths		Marriages		Divorces Annulments & Separations	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.[d]	Rate	No.[d]	Rate
Note:	Data for years 1910 thru 1929 appear in the 1979 Public Health Statistics report.														
1930	2,947,000	56,643	19.2	3,149	55.6	1,683[d]	28.9	30,488	10.4	298	526.1	15,328	5.2	2,553	.9
1931	2,972,000	54,421	18.3	2,884	52.9	1,512	27.0	30,202	10.2	238	437.3	14,954	5.1	2,702	.9
1932	2,992,000	53,326	17.8	2,670	50.1	1,463	26.7	30,294	10.1	225	421.9	14,034	4.7	2,404	.8
1933	3,009,000	50,450	16.8	2,444	48.4	1,440	27.8	29,475	9.8	236	467.8	15,962	5.3	2,479	.8
1934	3,028,000	51,461[a]	17.0	2,539[a]	49.3	1,300[a]	24.6	30,164[a]	10.0	215[a]	417.8	20,074	6.6	3,231	1.1
1935	3,048,000	52,402	17.2	2,413	46.0	1,257	23.4	30,404	10.0	193	368.3	21,075	6.9	3,543	1.2
1936	3,063,000	52,429	17.1	2,509	47.9	1,271	23.7	32,926	10.8	206	392.9	22,666	7.4	3,741	1.2
1937	3,078,000	53,504	17.4	2,329	43.5	1,254	22.9	31,733	10.3	188	351.4	23,285	7.6	3,999	1.3
1938	3,099,000	54,746	17.7	2,308	42.2	1,250	22.3	30,385	9.8	165	297.7	20,732	6.7	3,568	1.2
1939	3,121,000	54,187	17.4	2,172	40.1	1,180	21.3	31,404	10.1	153	282.3	21,276	6.8	3,673	1.2
1940	3,138,000	56,324[c]	17.9	2,030	36.0	1,209	21.0	31,457	10.0	151	268.1	23,379	7.5	3,599	1.1
1941	3,140,000	58,043	18.5[b]	1,922	34.3	1,140	19.3	30,445	9.7	137	236.0	28,816	9.2	4,050	1.3
1942	3,053,000	64,504	21.2	2,030	31.5	1,366	20.7	30,639	10.0	109	169.0	24,860	8.1	3,905	1.3
1943	3,014,000	65,404	22.1	2,224	34.0	1,306	19.6	32,323	10.7	126	192.6	22,393	7.4	4,469	1.5
1944	2,980,000	61,928	21.1	1,950	31.5	1,183	18.7	31,373	10.5	113	182.5	21,190	7.1	5,326	1.8
1945	2,961,000	61,577	20.9	1,890	30.7	1,141	18.2	31,776	10.7	81	131.5	25,269	8.5	6,393	2.2
1946	3,167,000	74,868	23.7	2,235	29.9	1,300	17.1	31,965	10.1	101	134.9	38,964	12.3	8,197	2.6
1947	3,250,000	84,562	26.0	2,470	29.2	1,410	16.4	33,078	10.2	87	102.9	35,555	10.9	5,877	1.8
1948	3,314,000	81,814	24.8	2,147	26.2	1,357	16.3	32,535	9.8	83	101.4	32,579	9.8	5,075	1.5
1949	3,391,000	83,183	24.5	2,193	26.4	1,274	15.1	32,876	9.7	47	56.5	27,782	8.2	4,815	1.4
1950	3,449,000	82,364	23.9	2,098	25.5	1,241	14.8	33,573	9.7	35	42.5	29,081	8.4	4,845	1.4
1951	3,437,000	87,819	25.6	2,182	24.8	1,343	15.1	33,397	9.7	42	47.8	27,133	7.9	4,473	1.3
1952	3,463,000	88,941	25.7	2,160	24.3	1,267	14.0	33,887	9.8	42	47.2	24,737	7.1	4,847	1.4
1953	3,502,000	88,408	25.2	2,069	23.4	1,251	14.0	34,839	9.9	38	43.0	25,469	7.3	5,011	1.4
1954	3,599,000	91,570	25.4	2,002	21.9	1,216	13.1	33,709	9.4	34	37.1	24,921	6.9	4,887	1.4
1955	3,666,000	92,333	25.2	2,175	23.6	1,233	13.2	35,250	9.6	22	23.8	25,543	7.0	4,720	1.3
1956	3,740,000	93,496	25.0	2,133	22.8	1,235	13.0	35,498	9.5	20	21.4	26,833	7.2	4,488	1.2
1957	3,802,000	96,398	25.4	2,145	22.3	1,278	13.1	37,185	9.8	35	36.3	25,723	6.8	4,336	1.1
1958	3,863,000	95,950	24.8	2,250	23.4	1,246	12.8	37,457	9.7	29	30.2	24,985	6.5	4,499	1.2
1959	3,915,000	98,518	25.2	2,295	23.3	1,222	12.3	37,166	9.5	34	34.5	25,637	6.5	4,657	1.2
1960[f]	3,967,000	99,493	25.1	2,173	21.8	1,341	13.3	38,121	9.6	27	27.1	24,573	6.2	3,672[e]	.9
1961	4,014,000	98,435	24.5	2,235	22.7	1,243	12.5	37,325	9.3	27	27.4	24,232	6.0	4,300	1.1
1962	4,043,000	94,497	23.4	1,929	20.4	1,114	11.7	38,332	9.5	26	27.5	24,114	6.0	4,547	1.1
1963	4,086,000	91,605	22.4	2,060	22.5	1,184	12.8	39,676	9.7	20	21.8	25,678	6.3	4,918	1.2
1964	4,151,000	88,910	21.4	1,848	20.8	1,112	12.4	38,872	9.4	16	18.0	26,832	6.5	5,214	1.3
1965	4,212,000	82,919	19.7	1,829	22.1	1,042	12.4	40,146	9.5	13	15.7	28,410	6.7	5,232	1.2
1966	4,262,000	80,412	18.9	1,640	20.4	958	11.8	40,336	9.5	21	26.1	28,473	6.7	5,293	1.2
1967	4,303,000	75,797	17.6	1,484	19.6	867	11.3	39,654	9.2	9	11.9	30,480	7.1	6,105	1.4
1968	4,332,000	74,257	17.1	1,453	19.6	838	11.2	41,323	9.5	9	12.1	33,019	7.6	7,260	1.7
1969	4,381,000	74,324	17.0	1,281	17.2	872	11.6	41,072	9.4	15	20.2	34,402	7.9	7,832	1.8
1970	4,425,000	77,455	17.5	1,308	16.9	817	10.4	40,820	9.2	6	7.7	34,415	7.8	8,930	2.0
1971	4,465,000	71,976	16.1	1,157	16.1	767	10.5	40,380	9.0	10	13.9	34,858	7.8	8,927	2.0
1972	4,512,000	64,719	14.3	984	15.2	680	10.4	42,074	9.3	9	13.9	38,608	8.6	10,492	2.3
1973	4,518,000	62,796	13.9	900	14.3	590	9.3	41,293	9.1	7	11.1	40,098	8.9	11,595	2.6
1974	4,538,000	65,150	14.3	898	13.8	579	8.8	40,811	9.0	3	4.6	38,248	8.4	12,470	2.7
1975	4,555,000	65,145	14.3	881	13.5	530	8.1	39,916	8.8	3	4.6	35,888	7.9	13,187	2.9
1976	4,578,000	65,042	14.2	818	12.6	540	8.2	40,191	8.8	6	9.2	36,024	7.9	14,579	3.2
1977	4,613,000	68,548	14.9	774	11.3	478	6.9	39,325	8.5	7	10.2	37,430	8.1	14,792	3.2
1978	4,645,000	68,573	14.8	769	11.2	421	6.1	40,285	8.7	8	11.7	38,189	8.2	16,129	3.5
1979	4,680,000	73,209	15.6	790	10.8	496	6.7	39,145	8.4	3	4.1	39,556	8.5	17,161	3.7
1980	4,714,000	74,763	15.9	763	10.2	549[d]	7.3	40,801	8.7	5	6.7	41,113	8.7	17,589	3.7
1981	4,735,000	74,309	15.7	768	10.3	571	7.7	40,495	8.6	3	4.0	41,114	8.7	18,459	3.9
1982	4,745,000	74,319	15.7	700	9.4	529	7.1	40,226	8.5	–	–	42,146	8.9	17,327	3.7
1983	4,746,000	72,499	15.3	699	9.6	486	6.7	40,985	8.6	4	5.5	40,758	8.6	16,503	3.5
1984	4,766,000	73,050	15.2	723	9.9	514	7.0	40,962	8.6	3	4.1	41,101	8.6	16,625	3.5

*See "Notes Pertaining to Table 7" Roman I-a and d for residency status.

The 1978 fetal death count for the State is deficient by 116. The certificate for these deaths were not received from the Milwaukee City Health Department until nine months after the filing deadline by which time the file preparation and tabulation had been completed.

R 2.2

LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1983

 (Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1983 Rate**
All Ages - Total				
Total, all causes		40,985	100.0	863.6
Diseases of the heart	391-398,402,404,410-414,420-429	16,390	40.0	345.3
Cancer	140-208	8,954	21.8	188.7
Cerebrovascular disease	430-438	3,395	8.3	71.5
Accidents	800-949	1,551	3.8	32.7
Pneumonia and influenza	480-487	1,260	3.1	26.5
Chronic obstructive pulmonary	490-496	1,229	3.0	25.9
Diabetes mellitus	250	690	1.7	14.5
Atherosclerosis	440	660	1.6	13.9
Suicide	950-959	616	1.5	13.0
Other arterial disease	441-448	509	1.2	10.7
Cirrhosis of liver	571	435	1.1	9.2
All Ages - Males				
Total, all causes		21,818	100.0	940.4
Diseases of the heart	391-398,402,404,410-414,420-429	8,751	40.1	377.2
Cancer	140-208	4,803	22.0	207.2
Cerebrovascular disease	430-438	1,382	6.3	59.6
Accidents	800-949	1,074	4.9	46.3
Chronic obstructive pulmonary	490-496	866	4.0	37.3
Pneumonia and influenza	480-487	650	3.0	28.0
Suicide	950-959	493	2.3	21.3
Other arterial disease	441-448	324	1.5	14.0
Diabetes mellitus	250	281	1.3	12.1
Atherosclerosis	440	268	1.2	11.6
Cirrhosis of liver	571	255	1.2	11.0
All Ages - Females				
Total, all causes		19,167	100.0	790.1
Diseases of the heart	391-398,402,404,410-414,420-429	7,639	39.9	314.9
Cancer	140-208	4,151	21.7	171.1
Cerebrovascular disease	430-438	2,013	10.5	83.0
Pneumonia and influenza	480-487	610	3.2	25.1
Accidents	800-949	477	2.5	19.7
Diabetes mellitus	250	409	2.1	16.9
Atherosclerosis	440	392	2.0	16.2
Chronic obstructive pulmonary	490-496	363	1.9	15.0
Other arterial disease	441-448	185	1.0	7.6
Cirrhosis of liver	571	180	0.9	7.4
Nephritis and nephrosis	580-589	152	0.8	6.3

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**Rates per 100,000 population. Rates based on fewer than 20 deaths are omitted because they are subject to large random fluctuations. The number "20" is arbitrary and is not set forth as a critical point distinguishing statistically reliable rates.

LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1983

Page 2 of 5 (Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1983 Rate**
Under 1 year - Males				
All causes		397	100.0	1102.8
Other perinatal conditions	760-766, 770-779	109	27.5	302.8
Congenital anomalies	740-759	87	21.9	241.7
Symptoms, signs and ill-defined	780-799	78	19.6	216.7
Birth trauma	767-769	68	17.1	188.9
Under 1 year - Females				
All causes		302	100.0	888.2
Other perinatal conditions	760-766, 770-779	95	31.5	279.4
Congenital anomalies	740-759	68	22.5	200.0
Symptoms, signs and ill-defined	780-799	47	15.6	138.2
Birth trauma	767-769	44	14.6	129.4
Accidents	800-949	9	3.0	
1-4 years - Males				
All causes		87		58.8
Accidents	800-949	29		19.6
Congenital anomalies	740-759	11		
Cancer	140-208	7		
Diseases of the heart	391-398,402,404,410-414,420-429	5		
1-4 years - Females				
All causes		60		42.6
Congenital anomalies	740-759	16		
Accidents	800-949	11		
Cancer	140-208	10		
Diseases of the heart	391-398,402,404,410-414,420-429	6		
5-9 years - Males				
All causes		44		30.6
Accidents	800-949	23		16.0
Cancer	140-208	8		
5-9 years - Females				
All causes		19		
Accidents	800-949	6		
10-14 years - Males				
All causes		56		26.4
Accidents	800-949	35		16.5
10-14 years - Females				
All causes		37		18.3
Accidents	800-949	14		
Congenital anomalies	740-759	5		

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LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1983
(Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1983 Rate**
15-24 years - Males				
All causes		529	100.0	123.3
Accidents	800-949	297	56.1	69.2
Suicide	950-959	121	22.9	28.2
Cancer	140-208	29	5.5	6.8
Homicide and legal intervention	960-978	23	4.3	5.4
Congenital anomalies	740-759	9	1.7	
15-24 years - Females				
All causes		170	100.0	39.9
Accidents	800-949	79	46.5	18.5
Cancer	140-208	19	11.2	
Homicide and legal intervention	960-978	17	10.0	
Suicide	950-959	15	8.8	
25-34 years - Males				
All causes		499	100.0	122.9
Accidents	800-949	179	35.9	44.1
Suicide	950-959	113	22.6	27.8
Cancer	140-208	49	9.8	12.1
Diseases of the heart	391-398,402,404,410-414,420-429	47	9.4	11.6
Homicide and legal intervention	960-978	25	5.0	6.2
25-34 years - Females				
All causes		199	100.0	49.5
Cancer	140-208	48	24.1	11.9
Accidents	800-949	38	19.1	9.5
Suicide	950-959	28	14.1	7.0
Diseases of the heart	391-398,402,404,410-414,420-429	17	8.5	
35-44 years - Males				
All causes		571	100.0	204.7
Diseases of the heart	391-398,402,404,410-414,420-429	155	27.1	55.6
Cancer	140-208	107	18.7	38.4
Accidents	800-949	103	18.0	36.9
Suicide	950-959	53	9.3	19.0
Homicide and legal intervention	960-978	19	3.3	
Cirrhosis of liver	571	18	3.2	
35-44 years - Females				
All causes		307	100.0	108.9
Cancer	140-208	110	35.8	39.0
Diseases of the heart	391-398,402,404,410-414,420-429	44	14.3	15.6
Accidents	800-949	29	9.4	10.3
Cerebrovascular disease	430-438	14	4.6	
Homicide and legal intervention	960-978	14	4.6	
Suicide	950-959	13	4.2	

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LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1983
(Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1983 Rate**
45-54 years - Males				
All causes		1,201	100.0	558.6
Diseases of the heart	391-398,402,404,410-414,420-429	475	39.6	220.9
Cancer	140-208	325	27.1	151.2
Accidents	800-949	77	6.4	35.8
Suicide	950-959	51	4.2	23.7
Cirrhosis of liver	571	43	3.6	20.0
45-54 years - Females				
All causes		734	100.0	332.1
Cancer	140-208	346	47.1	156.6
Diseases of the heart	391-398,402,404,410-414,420-429	126	17.2	57.0
Cerebrovascular disease	430-438	46	6.3	20.8
Cirrhosis of liver	571	34	4.6	15.4
Accidents	800-949	30	4.1	13.6
55-64 years - Males				
All causes		3,082	100.0	1496.1
Diseases of the heart	391-398,402,404,410-414,420-429	1,287	41.8	624.8
Cancer	140-208	963	31.2	467.5
Cerebrovascular disease	430-438	115	3.7	55.8
Chronic obstructive pulmonary	490-496	84	2.7	40.8
Accidents	800-949	83	2.7	40.3
55-64 years - Females				
All causes		1,750	100.0	777.8
Cancer	140-208	774	44.2	344.0
Diseases of the heart	391-398,402,404,410-414,420-429	493	28.2	219.1
Cerebrovascular disease	430-438	87	5.0	38.7
Chronic obstructive pulmonary	490-496	52	3.0	23.1
Cirrhosis of liver	571	47	2.7	20.9
Diabetes	250	43	2.5	19.1
65-69 years - Males				
All causes		2,596	100.0	3018.6
Diseases of the heart	391-398,402,404,410-414,420-429	1,105	42.6	1284.9
Cancer	140-208	766	29.5	890.7
Cerebrovascular disease	430-438	135	5.2	157.0
Chronic obstructive pulmonary	490-496	124	4.8	144.2
Pneumonia and influenza	480-487	50	1.9	58.1
65-69 years - Females				
All causes		1,583	100.0	1536.9
Cancer	140-208	564	35.6	547.6
Diseases of the heart	391-398,402,404,410-414,420-429	560	35.4	543.7
Cerebrovascular disease	430-438	109	6.9	105.8
Chronic obstructive pulmonary	490-496	49	3.1	47.6
Diabetes mellitus	250	45	2.8	43.7
Cirrhosis of liver	571	30	1.9	29.1
70-74 years - Males				
All causes		3,072	100.0	4585.1
Diseases of the heart	391-398,402,404,410-414,420-429	1,279	41.6	1909.0
Cancer	140-208	865	28.2	1291.0
Cerebrovascular disease	430-438	173	5.6	258.2
Chronic obstructive pulmonary	490-496	166	5.4	247.8
Other arterial disease	441-448	72	2.3	107.5
Pneumonia and influenza	480-487	65	2.1	97.0

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LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1983

 (Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1983 Rate**
70-74 years - Females				
All Causes		2,112	100.0	2320.9
Diseases of the heart	391-398,402,404,410-414,420-429	828	39.2	909.9
Cancer	140-208	598	28.3	657.1
Cerebrovascular disease	430-438	188	8.9	206.6
Chronic obstructive pulmonary	490-496	77	3.6	84.6
Diabetes mellitus	250	58	2.7	63.7
Accidents	800-949	32	1.5	35.2
75-79 years - Males				
All causes		3,241	100.0	7045.7
Diseases of the heart	391-398,402,404,410-414,420-429	1,420	43.8	3087.0
Cancer	140-208	728	22.5	1582.6
Cerebrovascular disease	430-438	253	7.8	550.0
Chronic obstructive pulmonary	490-496	210	6.5	456.5
Pneumonia and influenza	480-487	93	2.9	202.2
75-79 years - Females				
All causes		2,650	100.0	3840.6
Diseases of the heart	391-398,402,404,410-414,420-429	1,129	42.6	1636.2
Cancer	140-208	602	22.7	872.5
Cerebrovascular disease	430-438	291	11.0	421.7
Diabetes mellitus	250	73	2.8	105.8
Pneumonia and influenza	480-487	61	2.3	88.4
80-84 years - Males				
All causes		2,931	100.0	10855.6
Diseases of the heart	391-398,402,404,410-414,420-429	1,336	45.6	4948.1
Cancer	140-208	502	17.1	1859.3
Cerebrovascular disease	430-438	280	9.6	1037.0
Chronic obstructive pulmonary	490-496	145	4.9	537.0
Pneumonia and influenza	480-487	125	4.3	463.0
Atherosclerosis	440	56	1.9	207.4
80-84 years - Females				
All causes		3,109	100.0	6344.9
Diseases of the heart	391-398,402,404,410-414,420-429	1,414	45.5	2885.7
Cancer	140-208	508	16.3	1036.7
Cerebrovascular disease	430-438	412	13.3	840.8
Pneumonia and influenza	480-487	112	3.6	228.6
Diabetes mellitus	250	69	2.2	140.8
Atherosclerosis	440	63	2.0	128.6
85 years and over - Males				
All causes		3,512	100.0	18484.2
Diseases of the heart	391-398,402,404,410-414,420-429	1,622	46.2	8536.8
Cancer	140-208	453	12.9	2384.2
Cerebrovascular disease	430-438	368	10.5	1936.8
Pneumonia and influenza	480-487	229	6.5	1205.3
Atherosclerosis	440	114	3.2	600.0
Chronic obstructive pulmonary	490-496	104	3.0	547.4
85 years and over - Females				
All causes		6,135	100.0	13943.2
Diseases of the heart	391-398,402,404,410-414,420-429	3,011	49.1	6843.2
Cerebrovascular disease	430-438	858	14.0	1950.0
Cancer	140-208	565	9.2	1284.1
Pneumonia and influenza	480-487	342	5.6	777.3
Atherosclerosis	440	276	4.5	627.3
Diabetes mellitus	250	97	1.6	220.5

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R 2.2

LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1984

 (Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1984 Rate**
All Ages - Total				
Total, all causes		40,962[a]	100.0	859.5
Diseases of the heart	391-398,402,404,410-414,420-429	16,252	39.7	341.0
Cancer	140-208	9,156	22.4	192.1
Cerebrovascular disease	430-438	3,352	8.2	70.3
Accidents	800-949	1,584	3.9	33.2
Chronic obstructive pulmonary	490-496	1,295	3.2	27.2
Pneumonia and influenza	480-487	1,207	2.9	25.3
Diabetes mellitus	250	763	1.9	16.0
Suicide	950-959	606	1.5	12.7
Atherosclerosis	440	595	1.5	12.5
Other arterial disease	441-448	505	1.2	10.6
Cirrhosis of liver	571	369	0.9	7.7
All Ages - Males				
Total, all causes		21,750[b]	100.0	937.1
Diseases of the heart	391-398,402,404,410-414,420-429	8,586	39.5	369.9
Cancer	140-208	4,927	22.7	212.3
Cerebrovascular disease	430-438	1,434	6.6	61.8
Accidents	800-949	1,062	4.9	45.8
Chronic obstructive pulmonary	490-496	875	4.0	37.7
Pneumonia and influenza	480-487	636	2.9	27.4
Suicide	950-959	476	2.2	20.5
Diabetes mellitus	250	322	1.5	13.9
Other arterial disease	441-448	303	1.4	13.1
Atherosclerosis	440	254	1.2	10.9
Cirrhosis of liver	571	216	1.0	9.3
All Ages - Females				
Total, all causes		19,211	100.0	785.7
Diseases of the heart	391-398,402,404,410-414,420-429	7,666	39.9	313.5
Cancer	140-208	4,229	22.0	173.0
Cerebrovascular disease	430-438	1,918	10.0	78.4
Pneumonia and influenza	480-487	571	3.0	23.4
Accidents	800-949	522	2.7	21.3
Diabetes mellitus	250	441	2.3	18.0
Chronic obstructive pulmonary	490-496	420	2.2	17.2
Atherosclerosis	440	341	1.8	13.9
Other arterial disease	441-448	202	1.1	8.3
Nephritis and nephrosis	580-589	154	0.8	6.3
Cirrhosis of liver	571	153	0.8	6.3

*Percents are not calculated when a unit is less than 100 (in each age group) because they give an exaggerated impression of the numbers involved.

**Rates per 100,000 population. Rates based on fewer than 20 deaths are omitted because they are subject to large random fluctuations. The number "20" is arbitrary and is not set forth as a critical point distinguishing statistically reliable rates.

a. One unknown sex, included in total.

b. One age unknown, included in total.

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LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1984

Page 2 of 5 (Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1984 Rate**
Under 1 year - Males				
All causes		414	100.0	1089.5
Other perinatal conditions	760-766, 770-779	120	29.0	315.8
Congenital anomalies	740-759	99	23.9	260.5
Symptoms, signs and ill-defined	780-799	79	19.1	207.9
Birth trauma	767-769	48	11.6	126.3
Under 1 year - Females				
All causes		308	100.0	855.6
Other perinatal conditions	760-766, 770-779	104	33.8	288.9
Congenital anomalies	740-759	78	25.3	216.7
Symptoms, signs and ill-defined	780-799	52	16.9	144.4
Birth trauma	767-769	33	10.7	91.7
1-4 years - Males				
All causes		67	100.0	46.9
Accidents	800-949	22		15.4
Meningitis	320-322	7		
Congenital anomalies	740-759	5		
1-4 years - Females				
All causes		65	100.0	46.1
Accidents	800-949	22		15.6
Congenital anomalies	740-759	9		
Homicide and legal intervention	960-978	5		
5-9 years - Males				
All causes		51	100.0	27.0
Accidents	800-949	24		12.7
Cancer	140-208	10		
5-9 years - Females				
All causes		32	100.0	17.8
Accidents	800-949	14		
Cancer	140-208	6		
10-14 years - Males				
All causes		47	100.0	28.1
Accidents	800-949	21		12.6
Suicide	950-959	6		
Cancer	140-208	5		
10-14 years - Females				
All causes		30	100.0	18.6
Accidents	800-949	14		
Congenital anomalies	740-759	4		

R 2.2

LEADING CAUSES OF DEATHS BY SEX AND AGE GROUPS
Wisconsin, 1984

 (Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1984 Rate**
15-24 years - Males				
All causes		501	100.0	120.1
Accidents	800-949	289	57.7	69.3
Suicide	950-959	112	22.4	26.9
Cancer	140-208	19	3.8	
Homicide and legal intervention	960-978	17	3.4	
Heart	391-398,402,404,410-414,420-429	13	2.6	
15-24 years - Females				
All causes		200	100.0	48.3
Accidents	800-949	85	42.5	20.5
Suicide	950-959	30	15.0	
Cancer	140-208	16	8.0	
Homicide and legal intervention	960-978	13	6.5	
Heart	391-398,402,404,410-414,420-429	11	5.5	
25-34 years - Males				
All causes		502	100.0	121.5
Accidents	800-949	199	39.6	48.2
Suicide	950-959	99	19.7	24.0
Cancer	140-208	52	10.4	12.6
Heart	391-398,402,404,410-414,420-429	40	8.0	9.7
Homicide and legal intervention	960-978	25	5.0	6.1
25-34 years - Females				
All causes		216	100.0	52.0
Accidents	800-949	56	25.9	13.5
Cancer	140-208	52	24.1	12.5
Heart	391-398,402,404,410-414,420-429	23	10.6	5.5
Suicide	950-959	22	10.2	5.3
Homicide and legal intervention	960-978	10	4.6	
35-44 years - Males				
All causes		554	100.0	191.0
Diseases of the heart	391-398,402,404,410-414,420-429	131	23.6	45.2
Cancer	140-208	115	20.8	39.7
Accidents	800-949	102	18.4	35.2
Suicide	950-959	57	10.3	19.7
Cerebrovascular disease	430-438	18	3.2	
Homicide and legal intervention	960-978	16	2.9	
35-44 years - Females				
All causes		354	100.0	120.4
Cancer	140-208	137	38.7	46.6
Accidents	800-949	42	11.9	14.3
Diseases of the heart	391-398,402,404,410-414,420-429	40	11.3	13.6
Suicide	950-959	26	7.3	8.8
Cirrhosis of liver	571	17	4.8	
Cerebrovascular disease	430-438	16	4.5	

LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1984
(Resident Data)

Causes of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1984 Rate**
45-54 years - Males				
All causes		1,198	100.0	578.7
Diseases of the heart	391-398,402,404,410-414,420-429	487	40.7	235.3
Cancer	140-208	326	27.2	157.5
Accidents	800-949	84	7.0	40.6
Suicide	950-959	52	4.3	25.1
Cerebrovascular disease	430-438	43	3.6	20.8
45-54 years - Females				
All causes		715	100.0	335.6
Cancer	140-208	337	47.1	158.2
Diseases of the heart	391-398,402,404,410-414,420-429	144	20.1	67.6
Cerebrovascular disease	430-438	36	5.0	16.9
Cirrhosis of liver	571	31	4.3	14.6
Accidents	800-949	31	4.3	14.6
55-64 years - Males				
All causes		3,037	100.0	1460.1
Diseases of the heart	391-398,402,404,410-414,420-429	1,226	40.4	589.4
Cancer	140-208	959	31.6	461.1
Cerebrovascular disease	430-438	111	3.7	53.4
Chronic obstructive pulmonary	490-496	108	3.6	51.9
Cirrhosis of liver	571	84	2.8	40.4
Accidents	800-949	83	2.7	39.9
55-64 years - Females				
All causes		1,751	100.0	761.3
Cancer	140-208	780	44.5	339.1
Diseases of the heart	391-398,402,404,410-414,420-429	488	27.9	212.2
Cerebrovascular disease	430-438	78	4.5	33.9
Diabetes mellitus	250	56	3.2	24.3
Chronic obstructive pulmonary	490-496	49	2.8	21.3
Cirrhosis of liver	571	38	2.2	16.5
65-69 years - Males				
All causes		2,513	100.0	2922.1
Diseases of the heart	391-398,402,404,410-414,420-429	1,042	41.5	1211.6
Cancer	140-208	763	30.4	887.2
Cerebrovascular disease	430-438	134	5.3	155.8
Chronic obstructive pulmonary	490-496	115	4.6	133.7
Accidents	800-949	51	2.0	59.3
Other arterial disease	441-448	42	1.7	48.8
65-69 years - Females				
All causes		1,535	100.0	1519.8
Cancer	140-208	574	37.4	568.3
Diseases of the heart	391-398,402,404,410-414,420-429	515	33.6	509.9
Cerebrovascular disease	430-438	108	7.0	106.9
Chronic obstructive pulmonary	490-496	61	4.0	60.4
Diabetes mellitus	250	40	2.6	39.6
Accidents	800-949	30	2.0	29.7
70-74 years - Males				
All causes		3,125	100.0	4529.0
Heart	391-398,402,404,410-414,420-429	1,335	42.7	1934.8
Cancer	140-208	894	28.6	1295.7
Cerebrovascular disease	430-438	179	5.7	259.4
Chronic obstructive pulmonary	490-496	173	5.5	250.7
Pneumonia and influenza	480-487	69	2.2	100.0
Other arterial disease	441-448	63	2.0	91.3

LEADING CAUSES OF DEATH BY SEX AND AGE GROUPS
Wisconsin, 1984

(Resident Data)

Cause of Death	I.C.D.	Number of Deaths	Percent of Deaths in this Category*	1984 Rate**
70-74 years - Females				
All causes		2,039	100.0	2192.5
Diseases of the heart	391-398,402,404,410-414,420-429	782	38.4	840.9
Cancer	140-208	599	29.4	644.1
Cerebrovascular disease	430-438	170	8.3	182.8
Chronic obstructive pulmonary	490-496	79	3.9	84.9
Diabetes mellitus	250	76	3.7	81.7
Pneumonia and influenza	480-487	37	1.8	39.8
75-79 years - Males				
All causes		3,124	100.0	6791.3
Diseases of the heart	391-398,402,404,410-414,420-429	1,331	42.6	2893.5
Cancer	140-208	753	24.1	1637.0
Cerebrovascular disease	430-438	255	8.2	554.3
Chronic obstructive pulmonary	490-496	170	5.4	369.6
Pneumonia and influenza	480-487	96	3.1	208.7
Diabetes mellitus	250	60	1.9	130.4
75-79 years - Females				
All causes		2,640	100.0	3771.4
Diseases of the heart	391-398,402,404,410-414,420-429	1,154	43.7	1648.6
Cancer	140-208	595	22.5	850.0
Cerebrovascular disease	430-438	284	10.8	405.7
Chronic obstructive pulmonary	490-496	73	2.8	104.3
Diabetes mellitus	250	66	2.5	94.3
Pneumonia and influenza	480-487	56	2.1	80.0
80-84 years - Males				
All causes		2,974	100.0	10621.4
Diseases of the heart	391-398,402,404,410-414,420-429	1,310	44.0	4678.6
Cancer	140-208	543	18.3	1939.3
Cerebrovascular disease	430-438	295	9.9	1053.6
Chronic obstructive pulmonary	490-496	151	5.1	539.3
Pneumonia and influenza	480-487	119	4.0	425.0
80-84 years - Females				
All causes		3,093	100.0	6186.0
Diseases of the heart	391-398,402,404,410-414,420-429	1,466	47.4	2932.0
Cancer	140-208	535	17.3	1070.0
Cerebrovascular disease	430-438	368	11.9	736.0
Pneumonia and influenza	480-487	104	3.4	208.0
Chronic obstructive pulmonary	490-496	68	2.2	136.0
85 years and over - Males				
All causes		3,642	100.0	18210.0
Diseases of the heart	391-398,402,404,410-414,420-429	1,656	45.5	8280.0
Cancer	140-208	484	13.3	2420.0
Cerebrovascular disease	430-438	387	10.6	1935.0
Pneumonia and influenza	480-487	227	6.2	1135.0
Chronic obstructive pulmonary	490-496	137	3.8	685.0
Atherosclerosis	440	123	3.4	615.0
85 years and over - Females				
All causes		6,233	100.0	13261.7
Diseases of the heart	391-398,402,404,410-414,420-429	3,026	48.5	6438.3
Cerebrovascular disease	430-438	850	13.6	1808.5
Cancer	140-208	598	9.6	1272.3
Pneumonia and influenza	480-487	313	5.0	666.0
Atherosclerosis	440	242	3.9	514.9
Diabetes mellitus	250	107	1.7	227.7

LIVE BIRTHS BY COUNTY
WISCONSIN, 1974 - 1978 AND 1979 - 1983
WITH FIVE YEAR AVERAGES AND RATES

(RESIDENT DATA)

COUNTY	1974	1975	1976	1977	1978	FIVE YEAR AVERAGE 1974-1978	FIVE YEAR RATE	1979	1980	1981	1982	1983	FIVE YEAR AVERAGE 1979-1983	FIVE YEAR RATE
TOTAL	65150	65145	65042	68578	68573	66498	14.4	73209	74763	74309	74327	72499	73821	15.6
ADAMS	128	145	140	127	163	141	12.4	162	179	177	175	164	171	12.4
ASHLAND	211	216	228	247	268	234	14.1	243	279	302	282	295	280	16.4
BARRON	473	504	529	578	593	535	14.5	656	654	693	745	679	685	17.5
BAYFIELD	153	150	174	182	175	167	13.1	198	219	212	209	230	214	15.3
BROWN	2645	2600	2622	2715	2624	2641	15.2	2790	2802	2824	2833	2856	2821	15.9
BUFFALO	197	162	203	217	217	199	13.9	232	236	197	239	229	227	15.8
BURNETT	118	133	157	151	154	143	12.3	215	167	203	179	194	192	15.2
CALUMET	484	445	453	489	462	467	16.3	485	546	519	556	551	531	17.2
CHIPPEWA	746	734	780	797	825	776	15.8	882	903	924	854	920	897	17.0
CLARK	497	508	478	547	536	513	16.0	542	641	581	587	576	585	17.7
COLUMBIA	584	566	549	590	637	585	13.8	623	667	668	682	655	659	15.1
CRAWFORD	228	229	229	268	246	240	14.7	255	293	284	296	276	281	17.0
DANE	3970	3963	3912	4242	4183	4054	13.2	4469	4685	4638	4684	4657	4627	14.1
DODGE	1034	1034	1015	1112	1107	1060	14.5	1110	1186	1173	1187	1108	1153	15.3
DOOR	298	334	332	411	374	350	15.4	409	412	397	406	379	401	15.8
DOUGLAS	650	627	689	606	657	646	14.4	688	702	713	676	645	685	15.3
DUNN	433	396	420	460	466	435	13.5	510	537	536	551	503	527	15.2
EAU CLAIRE	972	935	959	1039	1062	993	13.3	1083	1117	1265	1255	1185	1181	14.8
FLORENCE	43	31	47	63	36	44	11.9	69	55	64	66	54	62	14.8
FOND DU LAC ...	1308	1258	1311	1413	1361	1330	15.2	1461	1512	1460	1409	1333	1435	16.1
FOREST	122	108	127	141	150	130	16.0	131	140	161	147	156	147	16.0
GRANT	748	781	821	839	791	796	15.8	867	867	814	812	805	833	16.0
GREEN	426	447	440	425	428	433	14.8	456	483	471	514	507	486	16.2
GREEN LAKE	224	251	263	218	248	241	13.9	306	262	325	287	310	298	15.9
IOWA	282	295	291	325	268	292	14.7	356	345	342	340	366	350	17.6
IRON	72	78	78	84	66	76	11.5	70	84	72	86	64	75	11.4
JACKSON	226	208	216	284	273	241	15.0	291	276	271	291	257	277	16.1
JEFFERSON	964	909	885	948	918	925	14.3	1034	973	1029	952	953	988	14.9
JUNEAU	288	272	278	328	333	300	15.8	379	347	355	331	343	351	16.6
KENOSHA	1750	1766	1679	1767	1711	1735	14.0	1796	1826	1815	1789	1839	1813	14.8
KEWAUNEE	308	271	299	282	330	298	15.1	327	323	347	311	303	322	16.4
LA CROSSE	1110	1121	1119	1195	1250	1159	13.2	1318	1350	1396	1372	1470	1381	15.0
LAFAYETTE	278	267	303	291	302	288	15.8	289	289	339	300	321	308	17.8
LANGLADE	276	290	273	305	308	290	14.5	301	287	313	271	334	301	15.1
LINCOLN	342	320	311	396	367	347	13.4	423	406	406	383	384	400	14.8
MANITOWOC	1108	1138	1209	1195	1232	1176	14.2	1290	1338	1262	1345	1208	1289	15.5
MARATHON	1688	1618	1675	1752	1707	1688	16.1	1934	1930	1806	1804	1728	1840	16.4
MARINETTE	470	501	500	571	599	528	13.7	580	662	671	578	559	610	15.3
MARQUETTE	141	152	124	168	154	148	13.8	172	167	163	183	148	167	13.9

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LIVE BIRTHS BY COUNTY
WISCONSIN, 1974 - 1978 AND 1979 - 1983
WITH FIVE YEAR AVERAGES AND RATES

(RESIDENT DATA)

COUNTY	1974	1975	1976	1977	1978	FIVE YEAR AVERAGE 1974-1978	FIVE YEAR RATE	1979	1980	1981	1982	1983	FIVE YEAR AVERAGE 1979-1983	FIVE YEAR RATE
MENOMINEE	56	64	76	83	96	75	27.8	99	111	96	108	116	106	31.2
MILWAUKEE	14893	14891	14450	14898	14555	14737	14.7	15680	15842	15806	16064	15631	15805	16.4
MONROE	467	482	481	491	503	485	14.3	555	607	582	638	564	589	16.7
OCONTO	378	413	428	410	460	418	14.9	446	469	435	461	415	445	15.3
ONEIDA	337	384	378	396	379	375	12.8	444	423	467	429	425	438	13.9
OUTAGAMIE	1950	2009	1942	2058	2070	2006	15.9	2268	2340	2229	2172	2197	2241	17.1
OZAUKEE	818	843	820	978	898	871	13.3	936	992	963	932	935	952	14.2
PEPIN	98	111	109	108	119	109	14.3	157	128	127	112	131	131	17.5
PIERCE	434	428	429	452	452	439	14.8	504	507	527	532	484	511	16.3
POLK	443	458	430	434	496	452	14.8	499	506	561	560	520	529	16.0
PORTAGE	763	764	781	831	926	813	15.4	841	928	891	896	851	881	15.5
PRICE	215	206	215	227	218	216	13.5	247	242	232	243	238	240	14.9
RACINE	2633	2587	2563	2620	2697	2620	14.9	2857	2980	2855	2717	2691	2820	16.2
RICHLAND	227	267	210	257	274	247	14.7	270	275	302	281	278	281	16.0
ROCK	2050	1964	2003	2005	2109	2026	15.1	2222	2256	2115	2196	2088	2175	15.6
RUSK	228	221	251	239	230	234	15.1	251	222	251	259	256	248	15.8
ST.CROIX	636	639	632	700	739	669	16.9	741	835	773	762	788	780	17.7
SAUK	621	625	597	606	603	610	15.0	692	654	696	691	661	679	15.6
SAWYER	157	158	161	157	175	162	14.3	182	219	239	228	215	217	16.4
SHAWANO	495	475	438	478	516	480	13.6	549	528	543	550	536	541	14.9
SHEBOYGAN	1481	1436	1502	1505	1406	1466	14.6	1559	1588	1595	1588	1515	1569	15.5
TAYLOR	289	293	308	321	332	309	16.6	357	379	339	370	345	358	18.7
TREMPEALEAU ...	351	347	338	357	364	351	14.4	384	373	416	400	387	392	15.0
VERNON	335	291	345	340	336	329	13.3	384	408	440	408	376	403	15.6
VILAS	143	139	156	190	172	160	11.5	200	228	218	222	222	218	13.0
WALWORTH	784	804	853	991	969	880	13.3	944	1026	971	1053	915	982	13.7
WASHBURN	146	190	170	195	180	176	13.4	222	226	202	208	210	214	16.0
WASHINGTON	1195	1197	1226	1318	1342	1256	16.4	1428	1442	1422	1387	1359	1408	16.5
WAUKESHA	3100	3250	3232	3507	3596	3337	12.8	3841	3841	3824	3808	3610	3785	13.4
WAUPACA	524	568	551	598	683	585	14.2	673	697	690	677	660	679	15.7
WAUSHARA	188	235	223	263	208	223	13.3	276	243	236	267	294	263	14.2
WINNEBAGO	1730	1681	1627	1650	1754	1688	12.8	1882	1901	1867	1945	1887	1896	14.3
WOOD	989	962	999	1117	1134	1040	15.1	1216	1199	1211	1192	1155	1195	16.0

DEATHS BY COUNTY
WISCONSIN, 1974 - 1978 AND 1979 - 1983
WITH FIVE YEAR AVERAGES AND RATES

(RESIDENT DATA)

COUNTY	1974	1975	1976	1977	1978	FIVE YEAR AVERAGE 1974-1978	FIVE YEAR RATE	1979	1980	1981	1982	1983	FIVE YEAR AVERAGE 1979-1983	FIVE YEAR RATE
TOTAL	40811	39916	40191	39325	40285	40106	8.7	39145	40801	40495	40226	40985	40330	8.5
ADAMS	144	154	154	134	134	144	12.6	157	136	137	148	153	146	10.6
ASHLAND	240	213	248	228	193	224	13.5	212	219	207	196	241	215	12.6
BARRON	416	394	394	383	406	399	10.8	403	411	426	406	436	416	10.6
BAYFIELD	168	138	146	165	160	155	12.2	152	146	158	151	137	149	10.6
BROWN	1142	1112	1236	1129	1188	1161	6.7	1122	1181	1287	1244	1262	1219	6.9
BUFFALO	124	147	158	146	132	141	9.9	144	129	138	149	137	139	9.7
BURNETT	165	148	132	128	143	143	12.3	120	168	149	146	145	146	11.6
CALUMET	226	180	193	210	205	203	7.1	219	205	214	202	212	210	6.8
CHIPPEWA	437	437	451	448	443	443	9.0	436	456	486	484	476	468	8.9
CLARK	339	309	328	317	362	331	10.3	285	316	325	366	374	333	10.1
COLUMBIA	494	443	459	423	424	449	10.6	446	436	421	424	455	436	10.0
CRAWFORD	170	183	169	163	156	168	10.3	159	167	176	160	173	167	10.1
DANE	1894	1825	1872	1788	1943	1864	6.1	1785	1928	2000	1865	2101	1936	5.9
DODGE	704	676	668	679	705	686	9.4	640	678	718	724	689	690	9.2
DOOR	255	254	230	272	256	253	11.1	254	262	246	272	257	258	10.2
DOUGLAS	538	490	523	423	502	495	11.0	504	457	454	476	464	471	10.5
DUNN	269	279	293	226	278	269	8.3	250	240	248	263	252	251	7.2
EAU CLAIRE	599	607	600	620	598	605	8.1	569	646	626	624	584	610	7.6
FLORENCE	45	42	54	48	48	47	12.7	42	52	49	58	54	51	12.1
FOND DU LAC ...	815	786	769	791	782	789	9.0	797	824	771	747	831	794	8.9
FOREST	83	96	92	115	114	100	12.3	109	104	123	102	114	110	12.0
GRANT	459	425	490	469	492	467	9.3	440	454	479	418	475	453	8.7
GREEN	311	284	282	309	314	300	10.3	282	311	299	289	286	293	9.8
GREEN LAKE	211	205	190	231	227	213	12.2	217	208	215	218	200	212	11.3
IOWA	211	205	222	201	215	211	10.7	174	204	221	162	184	189	9.5
IRON	98	86	100	101	96	96	14.5	84	93	90	95	87	90	13.6
JACKSON	193	173	164	206	202	188	11.7	163	179	166	189	179	175	10.2
JEFFERSON	539	558	585	574	607	573	8.9	535	605	502	570	560	554	8.3
JUNEAU	224	218	224	202	220	218	11.5	235	221	247	224	226	231	10.9
KENOSHA	1025	1002	1008	1008	1007	1010	8.1	1093	1021	964	1010	1054	1028	8.4
KEWAUNEE	174	169	173	205	180	180	9.1	165	166	192	194	171	178	9.1
LA CROSSE	775	739	745	749	799	761	8.7	780	768	747	765	797	771	8.4
LAFAYETTE	171	163	173	156	158	164	9.0	163	139	206	172	165	169	9.8
LANGLADE	212	208	184	201	239	209	10.5	207	207	239	226	212	218	10.9
LINCOLN	303	255	265	280	264	273	10.6	252	284	293	317	277	285	10.6
MANITOWOC	812	755	737	704	748	751	9.1	719	779	750	781	804	767	9.2
MARATHON	831	752	801	786	834	801	7.6	815	853	769	816	799	810	7.2
MARINETTE	416	476	443	450	465	450	11.7	449	446	473	406	441	443	11.1
MARQUETTE	127	136	126	128	157	135	12.6	128	134	135	165	141	141	11.8

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DEATHS BY COUNTY
WISCONSIN, 1974 - 1978 AND 1979 - 1983
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(RESIDENT DATA)

COUNTY	1974	1975	1976	1977	1978	FIVE YEAR AVERAGE 1974-1978	FIVE YEAR RATE	1979	1980	1981	1982	1983	FIVE YEAR AVERAGE 1979-1983	FIVE YEAR RATE
MENOMINEE	30	22	30	31	33	29	10.7	30	36	38	33	42	36	10.6
MILWAUKEE	9838	9524	9436	9045	9088	9386	9.3	8857	9278	8980	8915	8965	8999	9.3
MONROE	318	345	310	324	325	324	9.5	333	339	351	385	347	351	9.9
OCONTO	305	288	320	325	290	306	10.9	320	300	333	304	315	314	10.8
ONEIDA	304	277	290	312	285	294	10.1	270	316	293	339	350	314	10.0
OUTAGAMIE	942	837	884	924	844	886	7.0	854	895	945	884	934	902	6.9
OZAUKEE	405	387	371	391	419	395	6.0	406	437	421	417	428	422	6.3
PEPIN	74	83	72	75	90	79	10.4	70	107	91	95	88	90	12.0
PIERCE	255	239	249	231	204	236	7.9	187	234	227	217	218	217	6.9
POLK	307	339	330	320	343	328	10.8	328	319	339	362	356	341	10.3
PORTAGE	363	375	390	375	378	376	7.1	347	360	398	405	374	377	6.6
PRICE	220	209	183	151	214	195	12.2	196	211	198	192	163	192	11.9
RACINE	1380	1366	1373	1343	1387	1370	7.8	1379	1393	1390	1327	1364	1371	7.9
RICHLAND	164	211	169	156	181	176	10.5	167	184	172	177	179	176	10.0
ROCK	1163	1195	1185	1097	1174	1163	8.6	1119	1205	1136	1176	1199	1167	8.4
RUSK	165	192	150	140	165	162	10.5	162	135	154	146	170	153	9.7
ST.CROIX	303	292	343	328	324	318	8.0	343	303	317	360	359	336	7.6
SAUK	418	430	404	438	409	420	10.3	387	433	442	420	446	426	9.8
SAWYER	139	152	151	141	146	146	12.9	144	155	166	159	176	160	12.1
SHAWANO	391	361	403	396	401	390	11.0	377	414	395	391	423	400	11.0
SHEBOYGAN	991	980	929	948	906	951	9.5	929	954	896	876	962	923	9.1
TAYLOR	165	168	162	175	179	170	9.1	186	159	186	194	187	182	9.5
TREMPEALEAU ...	290	277	303	306	313	298	12.2	291	314	296	271	292	293	11.2
VERNON	308	307	265	325	278	297	12.0	313	325	288	255	288	294	11.4
VILAS	171	164	161	183	198	175	12.6	177	204	185	210	200	195	11.6
WALWORTH	616	666	651	600	612	629	9.5	634	626	623	645	679	641	9.0
WASHBURN	150	150	156	157	153	153	11.7	147	136	123	154	134	139	10.4
WASHINGTON	504	467	508	548	563	518	6.7	542	562	531	553	517	541	6.3
WAUKESHA	1485	1500	1586	1480	1646	1539	5.9	1665	1648	1681	1756	1746	1699	6.0
WAUPACA	516	525	545	483	569	528	12.8	567	618	619	606	571	596	13.8
WAUSHARA	200	214	191	195	210	202	12.0	195	214	201	211	209	206	11.1
WINNEBAGO	1048	1110	1042	1076	1080	1071	8.1	1061	1099	1076	1062	1112	1082	8.2
WOOD	522	537	567	510	525	532	7.7	539	583	601	551	587	572	7.7

LIVE BIRTHS BY COUNTY
WISCONSIN, 1975 - 1979 AND 1980 - 1984
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(RESIDENT DATA)

COUNTY	1975	1976	1977	1978	1979	FIVE YEAR AVERAGE 1975-1979	FIVE YEAR RATE	1980	1981	1982	1983	1984	FIVE YEAR AVERAGE 1980-1984	FIVE YEAR RATE
TOTAL	65145	65042	68578	68573	73209	68109	14.6	74763	74309	74327	72499	73050	73790	15.6
ADAMS	145	140	127	163	162	147	12.6	179	177	175	164	182	175	12.3
ASHLAND	216	228	247	268	243	240	14.0	279	302	282	295	256	283	16.4
BARRON	504	529	578	593	656	572	15.3	654	693	745	679	672	689	17.7
BAYFIELD	150	174	182	175	198	176	13.8	219	212	209	230	200	214	15.0
BROWN	2600	2622	2715	2624	2790	2670	15.2	2802	2824	2833	2856	2821	2827	15.8
BUFFALO	162	203	217	217	232	206	14.0	236	197	239	229	184	217	14.9
BURNETT	133	157	151	154	215	162	14.2	167	203	179	194	162	181	13.8
CALUMET	445	453	489	462	485	467	16.3	546	519	556	551	550	544	17.1
CHIPPEWA	734	780	797	825	882	804	16.3	903	924	854	920	851	890	16.7
CLARK	508	478	547	536	542	522	16.4	641	581	587	576	533	584	17.6
COLUMBIA	566	549	590	637	623	593	14.1	667	668	682	655	624	659	15.2
CRAWFORD	229	229	268	246	255	245	14.5	293	284	296	276	272	284	17.0
DANE	3963	3912	4242	4183	4469	4154	13.3	4685	4638	4684	4657	4902	4713	14.2
DODGE	1034	1015	1112	1107	1110	1076	14.7	1186	1173	1187	1108	1115	1154	15.2
DOOR	334	332	411	374	409	372	15.4	412	397	406	379	345	388	15.1
DOUGLAS	627	689	606	657	688	653	14.4	702	713	676	645	580	663	14.8
DUNN	396	420	460	466	510	450	13.7	537	536	551	503	506	527	15.1
EAU CLAIRE	935	959	1039	1062	1083	1016	13.8	1117	1265	1255	1185	1203	1205	14.8
FLORENCE	31	47	63	36	69	49	12.9	55	64	66	54	50	58	13.8
FOND DU LAC ...	1258	1311	1413	1361	1461	1361	15.4	1512	1460	1409	1333	1382	1419	15.9
FOREST	108	127	141	150	131	131	16.2	140	161	147	156	144	150	16.5
GRANT	781	821	839	791	867	820	16.0	867	814	812	805	785	817	15.8
GREEN	447	440	425	428	456	439	15.0	483	471	514	507	439	483	16.1
GREEN LAKE	251	263	218	248	306	257	14.5	262	325	287	310	279	293	15.5
IOWA	295	291	325	268	356	307	16.0	345	342	340	366	335	346	17.1
IRON	78	78	84	66	70	75	11.2	84	72	86	64	63	74	11.2
JACKSON	208	216	284	273	291	254	16.8	276	271	291	257	236	266	15.9
JEFFERSON	909	885	948	918	1034	939	14.6	973	1029	952	953	987	979	14.7
JUNEAU	272	278	328	333	379	318	16.2	347	355	331	343	327	341	16.2
KENOSHA	1766	1679	1767	1711	1796	1744	14.0	1826	1815	1789	1839	1796	1813	14.9
KEWAUNEE	271	299	282	330	327	302	15.0	323	347	311	303	336	324	16.3
LA CROSSE	1121	1119	1195	1250	1318	1201	13.9	1350	1396	1372	1470	1443	1406	15.1
LAFAYETTE	267	303	291	302	289	290	16.4	289	339	300	321	314	313	18.1
LANGLADE	290	273	305	308	301	295	15.1	287	313	271	334	276	296	14.8
LINCOLN	320	311	396	367	423	363	14.6	406	406	383	384	405	397	14.8
MANITOWOC	1138	1209	1195	1232	1290	1213	14.6	1338	1262	1345	1208	1263	1283	15.4
MARATHON	1618	1675	1752	1707	1934	1737	16.3	1930	1806	1804	1728	1730	1800	16.0
MARINETTE	501	500	571	599	580	550	14.0	662	671	578	559	551	604	15.1
MARQUETTE	152	124	168	154	172	154	14.1	167	163	183	148	184	169	13.9

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LIVE BIRTHS BY COUNTY
WISCONSIN, 1975 - 1979 AND 1980 - 1984
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COUNTY	1975	1976	1977	1978	1979	FIVE YEAR AVERAGE 1975-1979	FIVE YEAR RATE	1980	1981	1982	1983	1984	FIVE YEAR AVERAGE 1980-1984	FIVE YEAR RATE
MENOMINEE	64	76	83	96	99	84	29.0	111	96	108	116	112	109	28.7
MILWAUKEE	14891	14450	14898	14555	15680	14895	14.8	15842	15806	16064	15631	15887	15846	16.5
MONROE	482	481	491	503	555	502	14.9	607	582	638	564	581	594	16.6
OCONTO	413	428	410	460	446	431	15.6	469	435	461	415	458	448	15.4
ONEIDA	384	378	396	379	444	396	13.4	423	467	429	425	455	440	14.0
OUTAGAMIE	2009	1942	2058	2070	2268	2069	16.2	2340	2229	2172	2197	2171	2222	16.9
OZAUKEE	843	820	978	898	936	895	13.0	992	963	932	935	943	953	14.2
PEPIN	111	109	108	119	157	121	15.7	128	127	112	131	128	125	16.7
PIERCE	428	429	452	452	504	453	14.8	507	527	532	484	494	509	16.1
POLK	458	430	434	496	499	463	14.9	506	561	560	520	596	549	16.4
PORTAGE	764	781	831	926	841	829	15.3	928	891	896	851	956	904	16.0
PRICE	206	215	227	218	247	223	14.3	242	232	243	238	238	239	14.8
RACINE	2587	2563	2620	2697	2857	2665	15.1	2980	2855	2717	2691	2794	2807	16.2
RICHLAND	267	210	257	274	270	256	15.6	275	302	281	278	284	284	16.1
ROCK	1964	2003	2005	2109	2222	2061	15.4	2256	2115	2196	2088	2116	2154	15.5
RUSK	221	251	239	230	251	238	15.4	222	251	259	256	258	249	15.9
ST.CROIX	639	632	700	739	741	690	17.2	835	773	762	788	815	795	17.9
SAUK	625	597	606	603	692	625	15.4	654	696	691	661	697	680	15.3
SAWYER	158	161	157	175	182	167	13.1	219	239	228	215	224	225	16.4
SHAWANO	475	438	478	516	549	491	14.2	528	543	550	536	530	537	14.8
SHEBOYGAN	1436	1502	1505	1406	1559	1482	14.7	1588	1595	1588	1515	1517	1561	15.3
TAYLOR	293	308	321	332	357	322	16.9	379	339	370	345	340	355	18.5
TREMPEALEAU ...	347	338	357	364	384	358	14.6	373	416	400	387	392	394	15.0
VERNON	291	345	340	336	384	339	13.7	408	440	408	376	409	408	15.5
VILAS	139	156	190	172	200	171	12.3	228	218	222	222	236	225	13.1
WALWORTH	804	853	991	969	944	912	13.4	1026	971	1053	915	896	972	13.6
WASHBURN	190	170	195	180	222	191	14.4	226	202	208	210	227	215	15.9
WASHINGTON	1197	1226	1318	1342	1428	1302	16.3	1442	1422	1387	1359	1359	1394	16.2
WAUKESHA	3250	3232	3507	3596	3841	3485	12.9	3841	3824	3808	3610	3661	3749	13.3
WAUPACA	568	551	598	683	673	615	14.7	697	690	677	660	625	670	15.5
WAUSHARA	235	223	263	208	276	241	14.8	243	236	267	294	241	256	13.8
WINNEBAGO	1681	1627	1650	1754	1882	1719	12.9	1901	1867	1945	1887	1961	1912	14.4
WOOD	962	999	1117	1134	1216	1086	15.6	1199	1211	1192	1155	1166	1185	15.9

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COUNTY	1975	1976	1977	1978	1979	FIVE YEAR AVERAGE 1975-1979	FIVE YEAR RATE	1980	1981	1982	1983	1984	FIVE YEAR AVERAGE 1980-1984	FIVE YEAR RATE
TOTAL	39916	40191	39325	40285	39145	39772	8.6	40801	40495	40226	40985	40962	40694	8.6
ADAMS	154	154	134	134	157	147	12.6	136	137	148	153	156	146	10.3
ASHLAND	213	248	228	193	212	219	12.7	219	207	196	241	208	214	12.4
BARRON	394	394	383	406	403	396	10.6	411	426	406	436	423	420	10.8
BAYFIELD	138	146	165	160	152	152	11.9	146	158	151	137	133	145	10.1
BROWN	1112	1236	1129	1188	1122	1157	6.6	1181	1287	1244	1262	1247	1244	6.9
BUFFALO	147	158	146	132	144	145	9.9	129	138	149	137	149	140	9.6
BURNETT	148	132	128	143	120	134	11.8	168	149	146	145	155	153	11.7
CALUMET	180	193	210	205	219	201	7.0	205	214	202	212	212	209	6.6
CHIPPEWA	437	451	448	443	436	443	9.0	456	486	484	476	431	467	8.8
CLARK	309	328	317	362	285	320	10.1	316	325	366	374	335	343	10.4
COLUMBIA	443	459	423	424	446	439	10.5	436	421	424	455	433	434	10.0
CRAWFORD	183	169	163	156	159	166	9.8	167	176	160	173	166	168	10.1
DANE	1825	1872	1788	1943	1785	1843	5.9	1928	2000	1865	2101	2071	1993	6.0
DODGE	676	668	679	705	640	674	9.2	678	718	724	689	738	709	9.4
DOOR	254	230	272	256	254	253	10.5	262	246	272	257	276	263	10.2
DOUGLAS	490	523	423	502	504	488	10.7	457	454	476	464	471	464	10.4
DUNN	279	293	226	278	250	265	8.1	240	248	263	252	249	250	7.2
EAU CLAIRE	607	600	620	598	569	599	8.1	646	626	624	584	606	617	7.6
FLORENCE	42	54	48	48	42	47	12.4	52	49	58	54	46	52	12.4
FOND DU LAC ...	786	769	791	782	797	785	8.9	824	771	747	831	753	785	8.8
FOREST	96	92	115	114	109	105	13.0	104	123	102	114	116	112	12.3
GRANT	425	490	469	492	440	463	9.1	454	479	418	475	482	462	8.9
GREEN	284	282	309	314	282	294	10.0	311	299	289	286	318	301	10.0
GREEN LAKE	205	190	231	227	217	214	12.1	208	215	218	200	211	210	11.1
IOWA	205	222	201	215	174	203	10.6	204	221	162	184	192	193	9.6
IRON	86	100	101	96	84	93	13.9	93	90	95	87	89	91	13.8
JACKSON	173	164	206	202	163	182	12.1	179	166	189	179	188	180	10.8
JEFFERSON	558	585	574	607	535	572	8.9	605	502	570	560	565	560	8.4
JUNEAU	218	224	202	220	235	220	11.2	221	247	224	226	232	230	10.9
KENOSHA	1002	1008	1008	1007	1093	1024	8.2	1021	964	1010	1054	1058	1021	8.4
KEWAUNEE	169	173	205	180	165	178	8.8	166	192	194	171	175	180	9.0
LA CROSSE	739	745	749	799	780	762	8.8	768	747	765	797	797	775	8.3
LAFAYETTE	163	173	156	158	163	163	9.2	139	206	172	165	140	164	9.5
LANGLADE	208	184	201	239	207	208	10.7	207	239	226	212	206	218	10.9
LINCOLN	255	265	280	264	252	263	10.6	284	293	317	277	302	295	11.0
MANITOWOC	755	737	704	748	719	733	8.8	779	750	781	804	799	783	9.4
MARATHON	752	801	786	834	815	798	7.5	853	769	816	799	849	817	7.3
MARINETTE	476	443	450	465	449	457	11.6	446	473	406	441	411	435	10.9
MARQUETTE	136	126	128	157	128	135	12.4	134	135	165	141	134	142	11.6

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COUNTY	1975	1976	1977	1978	1979	FIVE YEAR AVERAGE 1975-1979	FIVE YEAR RATE	1980	1981	1982	1983	1984	FIVE YEAR AVERAGE 1980-1984	FIVE YEAR RATE
MENOMINEE	22	30	31	33	30	29	10.0	36	38	33	42	40	38	10.0
MILWAUKEE	9524	9436	9045	9088	8857	9190	9.1	9278	8980	8915	8965	9065	9041	9.4
MONROE	345	310	324	325	333	327	9.7	339	351	385	347	367	358	10.0
OCONTO	288	320	325	290	320	309	11.2	300	333	304	315	319	314	10.8
ONEIDA	277	290	312	285	270	287	9.7	316	293	339	350	354	330	10.5
OUTAGAMIE	837	884	924	844	854	869	6.8	895	945	884	934	880	908	6.9
OZAUKEE	387	371	391	419	406	395	5.7	437	421	417	428	450	431	6.4
PEPIN	83	72	75	90	70	78	10.1	107	91	95	88	92	95	12.7
PIERCE	239	249	231	204	187	222	7.3	234	227	217	218	220	223	7.0
POLK	339	330	320	343	328	332	10.7	319	339	362	356	332	342	10.2
PORTAGE	375	390	375	378	347	373	6.9	360	398	405	374	423	392	6.9
PRICE	209	183	151	214	196	191	12.2	211	198	192	163	190	191	11.8
RACINE	1366	1373	1343	1387	1379	1370	7.7	1393	1390	1327	1364	1308	1356	7.8
RICHLAND	211	169	156	181	167	177	10.8	184	172	177	179	173	177	10.1
ROCK	1195	1185	1097	1174	1119	1154	8.6	1205	1136	1176	1199	1160	1175	8.5
RUSK	192	150	140	165	162	162	10.5	135	154	146	170	152	151	9.6
ST.CROIX	292	343	328	324	343	326	8.1	303	317	360	359	363	340	7.7
SAUK	430	404	438	409	387	414	10.2	433	442	420	446	437	436	9.8
SAWYER	152	151	141	146	144	147	11.6	155	166	159	176	167	165	12.0
SHAWANO	361	403	396	401	377	388	11.2	414	395	391	423	368	398	11.0
SHEBOYGAN	980	929	948	906	929	938	9.3	954	896	876	962	953	928	9.1
TAYLOR	168	162	175	179	186	174	9.2	159	186	194	187	172	180	9.4
TREMPEALEAU ...	277	303	306	313	291	298	12.1	314	296	271	292	323	299	11.4
VERNON	307	265	325	278	313	298	12.0	325	288	255	288	335	298	11.3
VILAS	164	161	183	198	177	177	12.7	204	185	210	200	205	201	11.7
WALWORTH	666	651	600	612	634	633	9.3	626	623	645	679	632	641	9.0
WASHBURN	150	156	157	153	147	153	11.5	136	123	154	134	148	139	10.3
WASHINGTON	467	508	548	563	542	526	6.6	562	531	553	517	603	553	6.4
WAUKESHA	1500	1586	1480	1646	1665	1575	5.8	1648	1681	1756	1746	1784	1723	6.1
WAUPACA	525	545	483	569	567	538	12.9	618	619	606	571	620	607	14.0
WAUSHARA	214	191	195	210	195	201	12.3	214	201	211	209	191	205	11.0
WINNEBAGO	1110	1042	1076	1080	1061	1074	8.1	1099	1076	1062	1112	1026	1075	8.1
WOOD	537	567	510	525	539	536	7.7	583	601	551	587	588	582	7.8

NATALITY

Since 1940, fertility patterns of Wisconsin women of childbearing age have shown a double reversal of trend. 1940 was the end of a long period of declining fertility. Thereafter, the fertility rates increased steadily through 1960, especially for women in their twenties. In 1960, we had 13,000 fewer women aged 20-24, for instance, than in 1940, but we had approximately 16,500 more births to this age group, a 98% increase in births.

Text Table 1 summarizes the changing fertility rates of women 20-24 over the past 44 years. From an historic low in 1940 of 128.7 per thousand, it rose by 1950 to 208.5, an increase of nearly 80 per thousand. In the fifties, it rose another 76 per thousand to 284.0. In the sixties, the decline was even more dramatic than the previous increase, 117 per thousand; 1970 to 1984 saw a further decline of 64.1 per thousand.

Text Table 1

FERTILITY RATES FOR WOMEN 20-24
(Births per 1000 Women)
Wisconsin, 1940-1984

Year	Women 20-24	Resident Live Births	Rate per 1000 Women
1940	130,594	16,803	128.7
1950	124,815	26,018	208.5
1960	117,347	33,322	284.0
1970	178,952	29,822	166.6
1971	195,000	27,722	142.2
1972	201,000	23,736	118.1
1973	193,000	22,139	114.7
1974	210,000	23,614	112.4
1975	205,000	23,137	112.9
1976	208,000	22,531	108.3
1977	225,000	23,516	104.5
1978	221,000	23,197	105.0
1979	224,000	24,825	110.8
1980	226,000	25,319	112.0
1981	229,000	24,776	108.2
1982	228,000	24,477	107.4
1983	225,000	23,213	103.2
1984	220,000	22,544	102.5

The change since 1960 has shown a dramatic reversal to lower fertility rates. The decline in fertility rates by age has ranged from 76% for women 35 years and older to 41% for those under twenty. In 1984, the rates for all ages are now below the 1950 rates, and for women 20 and older the rates are now below the 1940 rates (Text Table 2).

Text Table 2

AGE-SPECIFIC FERTILITY RATES
(Per 1000 Women in Each Age Group)
Wisconsin, 1940-1984

	Census Year					Most Recent Years	
Age Group	1940	1950	1960	1970	1980	1983	1984
15-19	29.9	48.9	64.4	45.1	39.0	38.6	38.0
20-24	128.7	208.6	284.0	166.6	112.1	103.2	102.5
25-29	131.4	192.3	235.3	161.9	127.5	119.7	120.6
30-34	87.9	121.8	141.0	82.6	67.3	66.5	67.2
35-39	49.2	61.4	75.6	39.7	19.0	22.5	20.6
40-44	17.0	17.7	21.7	11.4	4.0	3.4	3.7
45+	7.4	5.5	5.5	3.1	0.2	0.2	0.3
Total Fertility Rate	2228	3259	4116	2540	1849	1770	1763

The row labelled "Total Fertility Rate" (TFR) summarized the changes in this measure of fertility. The rate is computed by summing the age-specific rates for all childbearing ages and multiplying by the number of years in the interval (5). It can be interpreted as the number of children that would be born to a cohort of one thousand women if, at all childbearing ages, they bore children at the age-specific rates observed in the reference year. Since, at present death rates and with a sex ratio at birth of 105 males per 100 females, it requires a little over 2,100 births per thousand females to replace the parents in the next generation, the total fertility rate gives us a measure of the fertility growth factor in the population. Thus, as the TFR exceeds 2,100, the next generation will have a larger childbearing population than the present and when the TFR declines below 2,100 for any extended period, the next childbearing generation will be smaller.

In 1940, the TFR for Wisconsin was very close to replacement. By 1950 it had risen by 46% to 3,259, and by 1960 by 85% to 4,116. Had that TFR continued, the childbearing population would have doubled in a single generation. The decline of the TFR in the sixties was greater than the rise in either the forties or the fifties, and the single year decline between 1971 and 1972 shows the most rapid decline of any year for which we have detailed data. The TFR appears to have "bottomed out" in the late 1970s, as the number of births did earlier in the 1970s. In 1984, the 1763 value is still 14% below replacement fertility level.

MORTALITY

Between 1910 and 1984, the crude death rate for Wisconsin residents decreased from 12.1 per 1,000 population to 8.6. (Table 7 is Summary of Vital Statistics, p. 23). The 1979 crude death rate of 8.4 is the lowest ever recorded in Wisconsin. In contrast, the highest death rate (13.6) was observed in 1918, attributable largely to the influenza and pneumonia epidemic in that year--military deaths are excluded from these tabulations. (Date for years 1910 thru 1929 appear in the 1979 Public Health Statistics report).

Since 1919, the crude death rate fluctuated considerably for a period of about thirty years. The crude death rate from 1948 until 1969 was relatively stable--9.6 per thousand. This apparent stability represents the cancellation of two contrary trends: (1) a gradual aging of the population with its tendency to increase the number of deaths and death rate, and (2) a gradual downward trend in the age-specific death rates.

In 1984, 40,962 deaths occurred to Wisconsin residents; 21,750 decedents were male and 19,211 female. The crude death rate for males (9.4 per 1,000 population) was considerably higher than for females 7.9. This is true at nearly every age, as shown below.

Text Table 3

TOTAL DEATH AND DEATH RATES BY SEX AND AGE GROUPS
Wisconsin, 1984

	Males		Females	
Age Groups	Number	Rate*	Number	Rate*
Total	21,750**	9.4	19,211	7.9
Under 1 year	414	10.9	308	8.6
1- 4	67	0.5	65	0.5
5- 9	51	0.3	32	0.2
10-14	47	0.3	30	0.2
15-24	501	1.2	200	0.5
25-34	502	1.2	216	0.5
35-44	554	1.9	354	1.2
45-54	1,198	5.8	715	3.4
55-64	3,037	14.6	1,751	7.6
65-69	2,513	29.2	1,535	15.2
70-74	3,125	45.3	2,039	21.9
75-79	3,124	67.9	2,640	37.7
80-84	2,974	106.2	3,093	61.9
85+	3,642	182.1	6,233	132.6

*Rate per 1,000 population.
**One, age unknown, included in total.

Leading Causes of Death

The first four leading causes of death for 1984 retained their respective standings when compared to 1983. The leading causes of death and cause-specific rates per 100,000 population are displayed in Table R 2.2 (page 29) and Figure 5. Heart disease, cancer and cerebrovascular disease together accounted for 70% of all Wisconsin deaths in 1984.

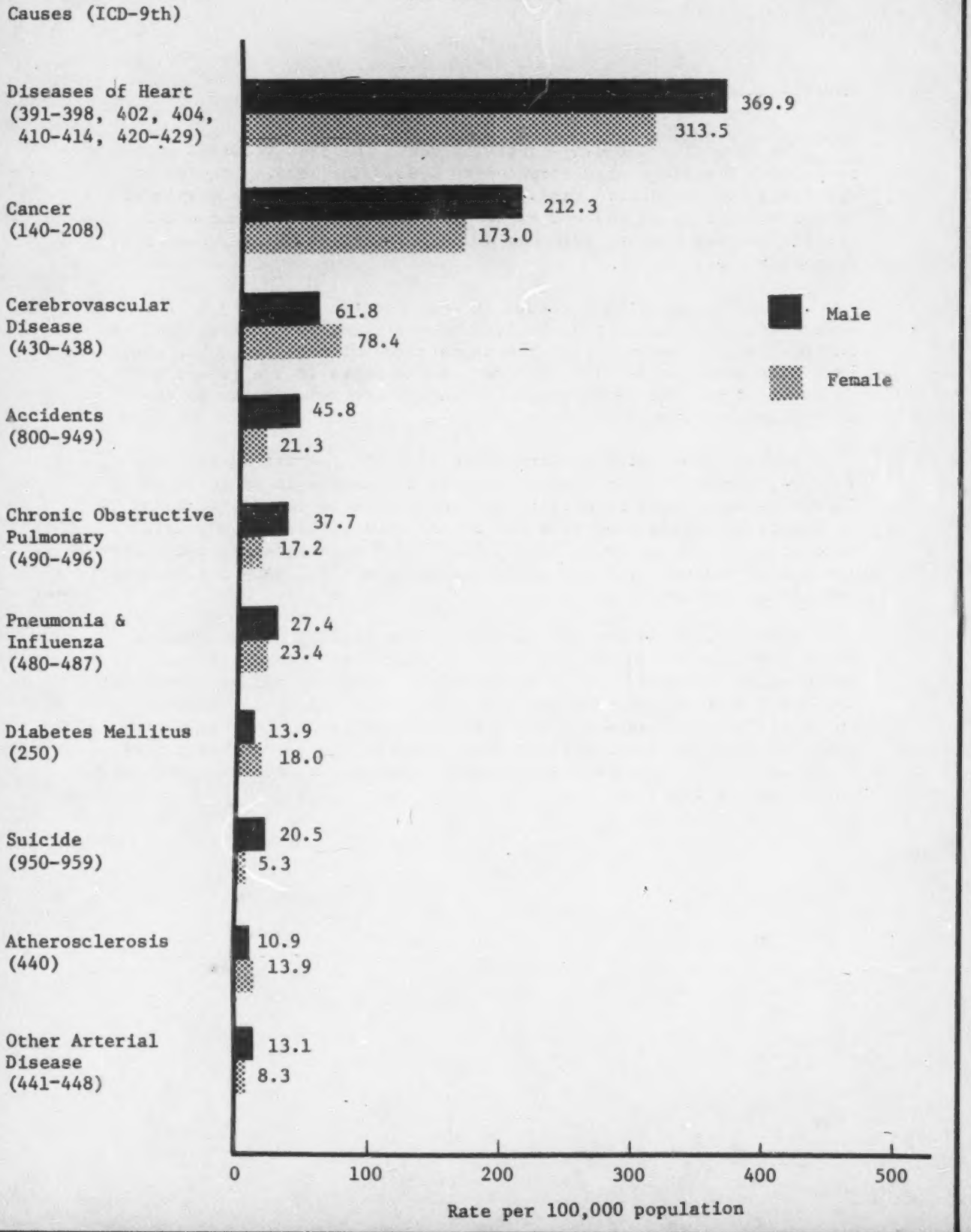
The most significant change in age-specific mortality is the accelerated decline in death rates for the elderly. Earlier declines in this century had affected the death rates of the young, but since 1965, the greatest decline appeared in the rates in age groups 65-74, 75-84 and 85+. The cause-specific changes are principally in the cardiovascular groups.

Accidents were the leading cause of death for all ages from 1 to 34, accounting for 43.6 percent of all deaths in these years of life. Among persons aged 15 to 34, 48.7% of male decedents and 33.9% of female decedents died from accidental causes. Of the 501 male decedents in the age group 15-24, 57.7% died in accidents, and approximately 77 percent of these accidental deaths (289) were due to motor vehicle accidents.

Between ages 35 and 64, cancer was the leading cause of death among females, accounting for 44.5% of deaths in this age range. Among males, however, the leading cause of death at all ages over 44 was heart disease. This cause accounted for 42.8% of all deaths. These differences regarding the order of importance of certain diseases between the sexes begin to fade away at age 55, as heart disease, cancer and cerebrovascular disease completely dominate the leading causes of death.

Figure 5

LEADING CAUSES OF DEATH BY SEX
Wisconsin, 1984
(Resident Data)



MORBIDITY

Wisconsin public health statutes require physicians, nurses and "anyone with knowledge of a communicable disease" to report cases of communicable disease to local city and county health officers. The Wisconsin Communicable and Acute Disease Report form is the most common form of reporting. Reports are also received via telephone calls, letters, laboratory reports, surveillance forms and death certificates.

Morbidity data are organized, recorded and examined on a weekly basis for disease trends, including fluctuations in morbidity, seasonal variation, changes in disease distribution, and characteristics of the natural history of endemic, epidemic, or sporadic diseases. Each week morbidity data are published in the Morbidity, Mortality Weekly Report (MMWR) of the Centers for Disease Control (CDC). This publication also features informational material pertinent to communicable disease control activities on local, state, and national levels.

Morbidity reporting from physicians, hospitals, clinics and laboratories is the cornerstone of an effective state disease surveillance and epidemiology program. The collection of demographic and epidemiologic information is crucial to monitor disease trends, identify outbreaks, locate high risk populations, assess control efforts and determine new and emerging public health problems including newly recognized diseases and illness associated with resistant organisms. In addition to statewide reporting, cooperative efforts in the area of communicable disease control are made with other state health departments and the CDC. These efforts contribute to an effective overall communicable disease prevention and control program for the nation.

Tables 4.1 and 4.2 contain final figures on the reported incidence of a portion of the notifiable (reportable) diseases in Wisconsin for 1984. Data are submitted to the Section of Acute and Communicable Disease Epidemiology (ACDE), Bureau of Community Health and Prevention Division of Health, through the statewide morbidity reporting system. The degree of completeness of the morbidity data published in this report is influenced by the interests and priorities of the various reporting sources; however, the degree of underreporting is thought to remain consistent over time allowing data comparison over the years.

4.1

CASES FROM REPORTABLE DISEASE BY COUNTY
Wisconsin, 1983

Page 1 of 4 (Resident Data)

County	Aseptic Meningitis (Viral) 047 Cases	Brucellosis 023 Cases	Chickenpox 052 Cases	Legion-ellosis 482 Cases	Menin-gococcal Infections 036 Cases	Mumps 072 Cases	Pertussis (Whooping Cough) 033 Cases	Rabies in Animals 071 Cases	Rubella (German) (Measles) 056 Cases
State Total..	222	1	16369	37	65	103	75	119	29
Adams.....									
Ashland.....			2					2	
Barron.....					2				
Bayfield.....								1	
Brown.....	5		1101	1	3	3			
Buffalo.....								2	
Burnett.....								1	
Calumet.....			83						
Chippewa.....	3		138					2	
Clark.....	1		14				2		
Columbia.....	4		36	1	1		2		
Crawford.....	4						1	1	
Dane.....	32		388	2	4	12	5	9	3
Dodge.....	2		234		2	2	1	1	
Door.....			53					2	
Douglas.....	1		131						
Dunn.....	1							3	
Eau Claire...	2		3					4	
Florence.....									
Fond du Lac..	15		325		1			2	
Forest.....				1					
Grant.....	1			1	1			3	
Green.....			22		1	1		5	
Green Lake...	1		86						
Iowa.....	1							1	
Iron.....									
Jackson.....	2		34					1	
Jefferson....			226	1	1	2		2	
Juneau.....				1					
Kenosha.....	2		257	3		8	12	1	
Kewaunee.....	1		32					2	
La Crosse....	3		38	1	2	1		1	
Lafayette....			10						
Langlade.....			25					1	1
Lincoln.....	1						1	3	
Manitowoc....			174						
Marathon.....	1		321		4	2	1	9	1
Marinette....	3		137						
Marquette....	2							2	
Menominee....									

4.1

CASES FROM REPORTABLE DISEASE BY COUNTY
Wisconsin, 1983

Page 2 of 4 (Resident Data)

County	Aseptic Meningitis (Viral) 047 Cases	Brucellosis 023 Cases	Chickenpox 052 Cases	Legion-ellosis 482 Cases	Menin-gococcal Infections 036 Cases	Mumps 072 Cases	Pertussis (Whooping Cough) 033 Cases	Rabies in Animals 071 Cases	Rubella (German) (Measles) 056 Cases
Milwaukee...	73		6724	8	21	49	11	4	20
Monroe.....		1	14	2				3	
Oconto.....	2								
Oneida.....	1		68		1				
Outagamie...			868	1		3	2	3	
Ozaukee.....	2		119		1	1	2		
Pepin.....								2	
Pierce.....	1		62		2	1			
Polk.....	1		19		1	2		1	
Portage.....			9	1		1		2	
Price.....							1		
Racine.....	23		474	1	1	3	2		
Richland....			4						
Rock.....	4		352	3	7	1		6	1
Rusk.....								1	
St. Croix...					1		2	4	
Sauk.....	5		1	1	1				
Sawyer.....	1		2			2			1
Shawano.....			13					5	
Sheboygan...	5		964		2			1	
Taylor.....			16				1	3	
Trempealeau.								4	
Vernon.....	2			1				3	
Vilas.....			7		1				
Walworth....	1		7		1		1	5	
Washburn....								1	
Washington..	2		103					1	
Waukesha....	7		728	5	1	8	1		
Waupaca.....			547				1	4	1
Waushara....	1		7						1
Winnebago...	2		1371	1	1	1	26	2	
Wood.....	1		20	1	1			3	

4.1

CASES FROM REPORTABLE DISEASE BY COUNTY
Wisconsin, 1983

(Resident Data)

County	Rubeola (Measles)	Salmonellosis (excluding typhoid fever)	Shigellosis	Toxic Shock Syndrome	Tuberculosis	Viral Hepatitis			
	055	003	004	040	010-018	070			
						Case Type			
	Cases	Cases	Cases	Cases	Cases	A	B	Non: A & B	Unspec.
State Total...	1	1050	275	49	164	141	191	45	17
Adams.....		2	2						
Ashland.....		3			1		1		
Barron.....		4		1	1	1			
Bayfield.....					1				
Brown.....		58	4	2	2	3	4	1	1
Buffalo.....		4				2			
Burnett.....					1				2
Calumet.....		6		1					1
Chippewa.....		9			1		2		
Clark.....		14							
Columbia.....		5	1	1	1		1		
Crawford.....		3							
Dane.....	1	70	9	9	9	18	28	4	
Dodge.....		24	1	3	1		3		
Door.....		12				2	2		
Douglas.....		5			2		5		
Dunn.....		1			1				
Eau Claire....		24		3	1				
Florence.....									
Fond du Lac...		17		1		6	1		
Forest.....							1		
Grant.....		11					1		
Green.....		5	1		1	4			
Green Lake....					1			1	
Iowa.....		3		1					
Iron.....		1							
Jackson.....		40	1						
Jefferson.....		12	2	2	1	3	2		
Juneau.....		3	1	1	1			1	
Kenosha.....		41	16	2	3	19	6	2	
Kewaunee.....		3			1		1		
La Crosse.....		18	1	6	1	3	7		
Lafayette.....		3		1				1	
Langlade.....		7			1	1			
Lincoln.....		4	2	1			2		1
Manitowoc.....		22	1		2	1	5		
Marathon.....		24	1		4		2	3	1
Marinette.....		7			2		2	1	
Marquette.....		6							
Menominee.....					1				

CASES FROM REPORTABLE DISEASE BY COUNTY
Wisconsin, 1983

Page 4 of 4 (Resident Data)

County	Rubeola (Measles)	Salmonellosis (excluding typhoid fever)	Shigellosis	Toxic Shock Syndrome	Tuberculosis	Viral Hepatitis			
	055	003	004	040	010-018	070			
						Case Type			
	Cases	Cases	Cases	Cases	Cases	A	B	Non: A & B	Unspec.
Milwaukee...		197	186	4	72	40	68	21	
Monroe.....		11	1		1		2		1
Oconto.....		3				1			
Oneida.....		5	1	1	3				
Outagamie...		29		1	9	3	4	1	
Ozaukee.....		13	2	1		1			1
Pepin.....		1							
Pierce.....		3					2	1	
Polk.....		1	1						
Portage.....		8	4	1	4	1			
Price.....		1		1					
Racine.....		39	14		6	5	3	1	
Richland....		2				1			
Rock.....		30	5		4	1	9		3
Rusk.....		4	1						
St. Croix...		4		1				1	
Sauk.....		11				2	1		1
Sawyer.....		3	1		1				
Shawano.....		3			2				
Sheboygan...		20	3		3	2	2		
Taylor.....		2	1						
Trempealeau.		31	1			2	1		
Vernon.....		8				1			
Vilas.....		3			1		1		
Walworth....		8	1	1	2	5	3		
Washburn....		3					1		1
Washington..		30	1		2				1
Waukesha....		54	6	2	8	2	2	2	
Waupaca.....		13			1			1	
Waushara....		3				1			1
Winnebago...		16	3	1	4	9	3	1	
Wood.....		20				1	13	2	2

4.1

CASES FROM REPORTABLE DISEASE BY COUNTY
Wisconsin, 1984

(Resident Data)

County	Aseptic Meningitis (Viral) 047 Cases	Brucellosis 023 Cases	Chickenpox 052 Cases	Legion-ellosis 482 Cases	Menin-gococcal Infections 036 Cases	Mumps 072 Cases	Pertussis (Whooping Cough) 033 Cases	Rabies in Animals 071 Cases	Rubella (German) (Measles) 056 Cases
State Total..	127	1	34,462	41	57	126	114	70	8
Adams.....			27					1	
Ashland.....			36		1				
Barron.....					1				
Bayfield.....									
Brown.....	3		2,367		1	4			
Buffalo.....			30					2	
Burnett.....			9						
Calumet.....			88			1		1	
Chippewa.....			285			1	2		
Clark.....			141		1	1			
Columbia.....	1		489			1		2	
Crawford.....	1				1			1	
Dane.....	17		1,004	4	2	3	51	3	
Dodge.....			520	1	2	1		1	
Door.....			391	1	2				
Douglas.....			497			2			
Dunn.....			15		1			1	
Eau Claire...	2		26		3	1	2	3	
Florence.....			3						
Fond du Lac..	2		1,587	1	1	2		6	
Forest.....			5						
Grant.....	1		269		2	1	2	3	1
Green.....	1		80				2		
Green Lake...			63			3			
Iowa.....				1					
Iron.....									
Jackson.....			111						
Jefferson....	1		282	1	1		2	1	
Juneau.....				2					
Kenosha.....	5		1,502	4		1	2		2
Kewaunee.....			288						
La Crosse....	3		89		2	1		2	
Lafayette....			13	1				1	
Langlade.....			13	1	1			1	
Lincoln.....					2			2	
Manitowoc....	2		230	1	2	1	1		
Marathon.....	1		220	2	2	1		7	2
Marinette....	2		163		1				
Marquette....				1		1			
Menominee....			76						

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CASES FROM REPORTABLE DISEASE BY COUNTY
Wisconsin, 1984

Page 2 of 4 (Resident Data)

County	Aseptic Meningitis (Viral) 047 Cases	Brucellosis 023 Cases	Chickenpox 052 Cases	Legion-ellosis 482 Cases	Menin-gococcal Infections 036 Cases	Mumps 072 Cases	Pertussis (Whooping Cough) 033 Cases	Rabies in Animals 071 Cases	Rubella (German) (Measles) 056 Cases
Milwaukee...	36		14,842	6	8	54	36	2	2
Monroe.....	3		66						
Oconto.....			2	1					
Oneida.....			77		1				
Outagamie...	2		1,164		1	9	3	1	
Ozaukee.....	1		208					2	
Pepin.....								1	
Pierce.....	2		17						
Polk.....	1		96			21	1	2	
Portage.....	1		25			2	1	2	
Price.....				1					
Racine.....	22		1,500	1	2	6		2	
Richland....			1						
Rock.....	3		1,064	1	3	2		1	
Rusk.....			3				1		
St. Croix...	2					1		2	
Sauk.....	1		275	1			1		
Sawyer.....			6						
Shawano.....			218					2	
Sheboygan...	3		392		2	1		1	
Taylor.....			19					1	
Trempealeau.			22		1			4	
Vernon.....	1				1		1	1	
Vilas.....			11						
Walworth....	4		296	3	1			3	
Washburn....			157	1				1	
Washington..	1						1		
Waukesha....	1		1,588	2	5	3	1	1	1
Waupaca.....			106				1	3	
Waushara....						1			
Winnebago...			1,313	2	1		1		
Wood.....	1	1	75	1	2		2		

4.1

CASES FROM REPORTABLE DISEASE BY COUNTY
Wisconsin, 1984

(Resident Data)

County	Rubeola (Measles) 055 Cases	Salmonellosis (excluding typhoid fever) 003 Cases	Shigellosis 004 Cases	Toxic Shock Syndrome 040 Cases	Tuberculosis 010-018 Cases	Viral Hepatitis 070 Case Type A	B	Non: A & B	Unspec.
State Total..	41	1,157	245	29	155	232	190	68	10
Adams.....					2				
Ashland.....		4					1	1	
Barron.....		13			2	1	1		
Bayfield.....		2							
Brown.....	1	44		2	6	71	7	2	
Buffalo.....		6			1				
Burnett.....		2			1	1		1	
Calumet.....		5				1			1
Chippewa.....		22				2			
Clark.....		5				1	1	1	
Columbia.....		7	1				3		
Crawford.....		5			1				
Dane.....	18	84	17	7	7	19	23	4	2
Dodge.....		17	1			2			
Door.....		4	1				1	1	
Douglas.....		13		1	2	2	1	1	
Dunn.....		3		1	2		1		
Eau Claire...		46			3			1	
Florence.....									
Fond du Lac..		27	1	1	1				
Forest.....			1						
Grant.....		12							
Green.....		9				2		1	
Green Lake...		6							
Iowa.....						1			
Iron.....		1			1				
Jackson.....		5		1	4				
Jefferson....	1	16		1	2		3		
Juneau.....					1		1		
Kenosha.....	4	25	13	1	2	2	8	5	
Kewaunee.....		4				6	1		
La Crosse....		16	1	2	1		1	2	
Lafayette....		1			1				
Langlade.....		2					1		
Lincoln.....	2	6	3		2	1	1		
Manitowoc....		27		1	1	5	2		
Marathon.....		13	1	1	3	4	5		
Marinette....		17		1	1		2		
Marquette....		1					1		
Menominee....					2				

4.1

CASES FROM REPORTABLE DISEASE BY COUNTY
Wisconsin, 1984

(Resident Data)

	Rubeola (Measles)	Salmonellosis (excluding typhoid fever)	Shigellosis	Toxic Shock Syndrome	Tubercu-losis	Viral Hepatitis			
	055	003	004	040	010-018	070			
						Case Type			
	Cases	Cases	Cases	Cases	Cases	A	B	Non: A & B	Unspec.
Milwaukee...	9	269	159	2	53	48	71	28	4
Monroe.....		7			2		1	1	1
Oconto.....		6			4	3			
Oneida.....		13		1	4		1		
Outagamie...		35	3	1	2	5	3		
Ozaukee.....		23	2					1	1
Pepin.....									
Pierce.....		5	1			3		1	
Polk.....		7			3				
Portage.....		8			3		1		
Price.....		2				2			
Racine.....		42	10		3	7	7	1	
Richland....		3			1				
Rock.....		29	5		2	15	11	2	1
Rusk.....		7							
St. Croix...		10			1				
Sauk.....		4					2	1	
Sawyer.....		2	6		2		1	1	
Shawano.....		2				3			
Sheboygan...		10			2	2	6	1	
Taylor.....		7							
Trempealeau.		4				1			
Vernon.....	1	2							
Vilas.....		5			3	1			
Walworth....	3	15	2		3		5	3	
Washburn....	1	3	1			2			
Washington..		28	3		2		3	4	
Waukesha....	1	69	5	3	8	8	3	2	
Waupaca.....		12			1	2			
Waushara....		3							
Winnebago...		38	8	2	3	6	4	1	
Wood.....		17			4	3	6	1	

4.2

CASES FROM REPORTABLE DISEASE BY MONTH
Wisconsin, 1983

(Resident Data)

Reportable Diseases	9th Rev. ICD	Cases		Jan.	Feb.	Mar.	Apr.	May
		Number	Rate*	Cases	Cases	Cases	Cases	Cases
Aseptic Meningitis	047	222	4.7	2	2	5	3	9
Brucellosis	023	1				1		
Chickenpox	052	16369	344.5	1680	1729	2451	2835	2468
Legionellosis	482	37	0.8	4	3	2	2	1
Meningococcal Infections	036	65	1.4	4	2	6	6	7
Mumps	072	103	2.2	13	17	11	10	10
Pertussis (Whooping Cough)	033	75	1.6	4	3	2		8
Poliomyelitis (acute)	045	-						
Rabies in Animals	071	119	2.5	8	7	12	14	12
Rheumatic Fever (acute)	390	2				1		
Rubella (German Measles)	056	29	0.6	5	3	6	4	3
Rubeola (Measles)	055	1						
Salmonellosis(exc.typhoid fev.)	003	1050	22.1	68	72	62	60	94
Shigellosis (Dysentery)	004	275	5.8	8	18	10	10	20
Toxic Shock Syndrome	040	49	1.0	1	4	2	7	8
Tuberculosis	010-018	164	3.5	9	13	12	12	14
Viral Hepatitis:	070	394	8.3	22	38	42	29	30
Type A		141	3.0	15	16	20	4	10
Type B		191	4.0	2	16	14	14	14
Non: A & B		45	0.9	2	4	7	8	5
Unspec.		17		3	2	1	3	1

Reportable Diseases	9th Rev. ICD	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		Cases	Cases	Cases	Cases	Cases	Cases	Cases
Aseptic Meningitis	047	14	50	73	37	17	6	4
Brucellosis	023							
Chickenpox	052	1283	483	123	153	506	622	2036
Legionellosis	482	2	5	4	2	5	6	1
Meningococcal Infections	036	4	8	4	4	11	7	2
Mumps	072	2	8	2	4	13	7	6
Pertussis (Whooping Cough)	033	10	25	11	5	1	3	3
Poliomyelitis (acute)	045							
Rabies in Animals	071	12	12	13	7	7	7	8
Rheumatic Fever (acute)	390						1	
Rubella (German Measles)	056	3	2		2	1		
Rubeola (Measles)	055		1					
Salmonellosis(exc.typhoid fev.)	003	190	126	124	80	76	46	52
Shigellosis (Dysentery)	004	29	22	37	25	36	29	31
Toxic Shock Syndrome	040	1	6	5	5	4	3	3
Tuberculosis	010-018	15	14	16	12	21	7	19
Viral Hepatitis:	070	27	30	42	36	21	39	38
Type A		9	7	16	14	6	11	13
Type B		15	20	23	18	12	23	20
Non: A & B		3	3	2	3	1	2	5
Unspec.				1	1	2	3	

*Rates per 100,000 population. Rates based on fewer than 20 cases are omitted because they are subject to large random fluctuations. The number "20" is arbitrary and is not set forth as a critical point distinguishing statistically reliable rates.

4.2

CASES FROM REPORTABLE DISEASE BY MONTH
Wisconsin, 1984

(Resident Data)

Reportable Diseases	9th Rev. ICD	Cases		Jan.	Feb.	Mar.	Apr.	May
		Number	Rate*	Cases	Cases	Cases	Cases	Cases
Aseptic Meningitis	047	127	2.7	9	3	2	3	6
Brucellosis	023	1						
Chickenpox	052	34462	723.1	3492	4412	6902	5910	6508
Legionellosis	482	41	0.9		2	3	5	3
Meningococcal Infections	036	57	1.2	8	6	8	8	3
Mumps	072	126	2.6	9	11	8	13	6
Pertussis (Whooping Cough)	033	114	2.4	3	5	2	1	1
Poliomyelitis (acute)	045	-						
Rabies in Animals	071	70	1.5	5		3	4	11
Rheumatic Fever (acute)	390	3		1				
Rubella (German Measles)	056	8			2	1	4	
Rubeola (Measles)	055	41	0.9			7	1	8
Salmonellosis(exc.typhoid fev.)	003	1157	24.3	95	76	53	88	126
Shigellosis (Dysentery)	004	245	5.1	19	25	23	14	6
Toxic Shock Syndrome	040	29	0.6	5	5	1	2	1
Tuberculosis	010-018	155	3.3	10	9	14	16	17
Viral Hepatitis:	070	500	10.5	39	38	32	53	38
Type A		232	4.9	19	19	15	16	17
Type B		190	4.0	15	13	11	25	15
Non: A & B		68	1.4	5	6	5	11	5
Unspec.		10				1	1	1

Reportable Diseases	9th Rev. ICD	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		Cases	Cases	Cases	Cases	Cases	Cases	Cases
Aseptic Meningitis	047	9	15	30	20	18	7	5
Brucellosis	023				1			
Chickenpox	052	3400	603	332	170	415	944	1374
Legionellosis	482	1	6	2	5	4	5	5
Meningococcal Infections	036	4	4	1	3	6	2	4
Mumps	072	6	12	9	10	10	27	5
Pertussis (Whooping Cough)	033	1	3	25	45	10	9	9
Poliomyelitis (acute)	045							
Rabies in Animals	071	7	3	14	9	5	8	1
Rheumatic Fever (acute)	390	2						
Rubella (German Measles)	056		1					
Rubeola (Measles)	055	7	10	3	3	1		1
Salmonellosis(exc.typhoid fev.)	003	138	121	119	107	105	59	70
Shigellosis (Dysentery)	004	11	37	31	22	17	24	16
Toxic Shock Syndrome	040	3	1	2	5	2	2	
Tuberculosis	010-018	21	14	13	16	12	5	8
Viral Hepatitis:	070	53	48	43	39	41	42	34
Type A		29	20	31	16	18	18	14
Type B		18	20	8	21	16	15	13
Non: A & B		5	7	3	2	5	8	6
Unspec.		1	1	1		2	1	1

*Rates per 100,000 population. Rates based on fewer than 20 cases are omitted because they are subject to large random fluctuations. The number "20" is aribtrary and is not set forth as a critical point distinguishing statistically reliable rates.